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13. INSECTA

BY

THE COMMONWEALTH INSTITUTE OF ENTOMOLOGY

FOREWORD

THE attention of readers is directed to the fact that the systematic part of the Record is reserved only for information of purely taxonomic value. References to data on morphology, physiology, bionomics, ecology, distribution and other general problems must be looked for in the Subject Index, where they are arranged by orders under each heading. It is hoped that the classification of headings in the Subject Index will make the information more complete and readily available and render the Record of more value for entomologists working on general problems, without affecting its importance for taxonomists.

Entomological papers written entirely from an economic point of view are omitted, but abstracts of these will be found in the *Review of Applied Entomology*.

Very brief papers, usually those dealing with a single species, are noticed either in the Subject Index or in the systematic part, but do not appear in the list of titles.

The writers of systematic papers are requested to mark new synonyms with the words (*n. syn.*), as otherwise it is impossible to ensure that they will be correctly recorded.

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I.—TITLES.

1.—Opinions, Declarations and Directions rendered by the International Commission of Zoological Nomenclature, London, 41, Queen's Gate, S. W. 7. Vols. 1 E, 1 F, 16, 17, 18 and 19.

Opinion 463. Designation under the Plenary Powers of a type species in harmony with accustomed usage for the genus "*Oxypoda*" Mannerheim, 1831 (Class Insecta, Order Coleoptera).

Opinion 474. Determination of the dates to be assigned for the Purposes of the Law of Priority to the names published in Dru Drury's "Illustrations of Natural History" in the period 1770–1782.

Opinion 483. Determination of the specimen to be accepted as the lectotype of the nominal species "*Megathymus aryxna*" Dyar, 1905 (Class Insecta, Order Lepidoptera) and matters incidental thereto.

Opinion 487.—Validation under the Plenary Powers of the generic names "*Gempylus*" Cuvier, 1829 (Class Pisces) and "*Acinaces*" Gerstaecker, 1858 (Class Insecta, Order Coleoptera).

Opinion 488.—Determination of the Status under Rule (g) in Article 30 of the "Règles" of the action taken by Curtis (J.) in the Second Edition of the work entitled "A Guide to an Arrangement of British Insects" published in 1837.

Opinion 491. Interpretation under the Plenary Powers of the nominal species "*Palaeopsylla daea*" Dampf, 1910 (Class Insecta, Order Siphonaptera) for the purpose of validating accustomed usage.

Opinion 494. Validation under the Plenary Powers of the generic name "*Diloba*" Boisduval, 1840, and designation under the same Powers of a type species in harmony with established usage for the genus "*Episema*" Ochsenheimer, 1816 (Class Insecta, Order Lepidoptera).

Opinion 500. Validation under the

Plenary Powers of the spelling "*Pieridae*" for the name of the family-group taxon having the genus "*Pieris*" Schrank, 1801 as its type genus (Class Insecta, Order Lepidoptera).

Opinion 501. Validation under the Plenary Powers of the specific name "*adippe*" as published in the combination "*Papilio adippe*" in 1775 in the anonymous work by Denis & Schiffermüller commonly known as the "Wiener Verzeichniss" to be the specific name for the High Brown Fritillary and validation under the same Powers of a neotype for the foregoing nominal species (Class Insecta, Order Lepidoptera), 3 pls.

Opinion 503. Designation under the Plenary Powers of a type species in harmony with existing usage for the generic name "*Cupido*" Schrank, 1801 (Class Insecta, Order Lepidoptera) and matters incidental thereto.

Opinion 506. Grant under the Plenary Powers of precedence to the specific name "*jurtina*" Linnaeus, 1758, as published in the combination "*Papilio jurtina*," over the name "*janira*" Linnaeus, 1758, as published in the combination "*Papilio ianira*" (a name published in the same work and on the same date) and suppression under the same Powers of the family-group name "*Epinepheli*" Tutt, 1896 (Class Insecta, Order Lepidoptera).

Opinion 516. Determination under the Plenary Powers of the relative precedence to be assigned to certain works on the Order Lepidoptera (Class Insecta) published in 1775 by Pieter Cramer, Michael Denis & Ignaz Schiffermüller, Johann Christian Fabricius, Johann Casper Fuessley, and S. A. von Rottemburg respectively.

Opinion 526. Direction that "*Leptodiplosis*" be treated as the Valid Original Spelling for the generic name published by Kieffer in 1894 both with the above spelling and with the spelling "*Leptodiplosis*" (Class Insecta, Order Diptera).

Opinion 530. Validation under the Plenary Powers of the generic name

"*Elaphella*" Bezzi, 1913 (Class Insecta, Order Diptera).

Opinion 531. Validation under the Plenary Powers of the generic name *Campsicnemus* Haliday, 1851 (Class Insecta, Order Diptera).

Declaration 36. Determination under Decision 85 of the Fourteenth International Congress of Zoology, Copenhagen, 1953, of the gender to be attributed to generic names having the terminations "*-ops*" and "*-opsis*" respectively.

Declaration 37. Clarification of the provisions in the "Règles" regarding the method to be followed in determining the relative precedence to be accorded to any two names for nominal family-group taxa published in the same work and on the same date.

Declaration 38. Clarification of the procedure to be adopted for determining the authorship to be attributed for the purposes of zoological nomenclature to any given work in cases where the accuracy of the authorship stated in the title has been questioned.

Declaration 39. Review under Copenhagen Decision 85 of the Rules relating to the gender to be attributed to certain classes of generic names prescribed in the provisional Rules numbered as Rule (7) (b) (i) and Rule (7) (c) (i) respectively in Decision 84 of the Fourteenth International Congress of Zoology, Copenhagen, 1953.

Declaration 40. Determination of the gender to be attributed to generic names having the termination "*-ides*," "*-ites*" or "*-oides*."

Declaration 41. Clarification of the status of terms used as zoological names in works written in the Latin language.

Direction 71. Determination under the Plenary Powers of the gender to be attributed to the generic name "*Lepisma*" Linnaeus, 1758 (Class Insecta, Order Thysanura) ("Direction" supplementary to "Opinion" 104).

Direction 96. Determination of the relative priority to be accorded to certain specific names published in 1775 for taxa belonging to the Order Lepidoptera (Class Insecta).

Direction 99. Addition to the "Official List of Family-Group Names in Zoology" of the names of certain family-group taxa belonging to the Order Lepidoptera (Class Insecta), the names of the type genera of which have already been placed on the "Official List of Generic Names in Zoology."

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Coleoptera.—BIELAWSKI, *Anisosticta* (Coccinell.), key, distribution, **372**; BOLDORI, Trechinae (Carab.), larvae, key, **425**; BREUNING, *Exocentrus* (Lam.), revision, keys, **489**; *Glenea* (Lam.), revision (concluded), **498**; BRYANT, *Dermoxanthus* (Eumolp.), key to spp., **570**; FREUDE, Monom-midae, IV, **1367**; HAVELKA, *Galeruca*, revision, key to subgenn. and spp., **1667**; HINCKS & DIBB, Passalidae, suppl. to Col. Catalogue, **1763**; MONRÓS, Sagrinae (Chrys.), suppl. to Col. Catalogue, **2818**; VAN EMDEN in RYMER ROBERTS, Erotylidae, key to famm. and genn. of larvae, **3490**; UHMANN, Hispinae, suppl. to Col. Catalogue, **4170**.

Hymenoptera.—BOUČEK, Tetracampidae (Euloph.), catalogue, **454**; Cleonymidae, key to genn., **455**; BROWN, Ectatommini (Form.), reclassification, keys, **553**; KELNER-PILLAULT, catalogue of some types, Kieffer collection, **2141**, **2142**; MASNER, Proctotrupidae, key to genn., **2667**; MÓCZÁR, *Oxybelus* (Spec.), key to spp., **2805**; STEFFAN, Chalcididae, distribution, **3849**; YASU-MATSU, Bethyloidea, key to famm.;

Bethylidae, key to genn., list of spp., **4480**.

Lepidoptera.—AUBERT, *Calostigia austriacaria-pungeleri* group (Geom.), revision, **149**; CAPPS, *Pectinophora*, *Platyedra* (Gelech.), cotton-pests, key to larvae, **635**; CLARKE, catalogue of type specimens of Microlepid. in the Brit. Mus. (Nat. Hist.) described by Meyrick, III: Tortricidae, Olethreutidae, Noctuidae, **761**; KUCHLEIN, esp. some Microlep., notes, **2275**; MUNROE, Scopariinae (Pyr.), distribution, **2889**; RILEY, Lycaenidae, Holarctic reg., revision, key to genn., **3386**; SWATSCHEK, Tortricidae, Carposinidae, larvae, keys, **3937**; WERNER, Microlep., larvae, keys, **4378**.

Neuroptera.—NAKAHARA, Neuro-thinae, **2913**.

Diptera.—ALEXANDER, Blepharoceridae, key to genn., list, distribution, **69**; ARNAUD, list of genn. and spp. n. of Townsend, 1863–1944, **122**; BRINDLE, *Tipula*, key to larvae, **516**; COOK, *Psectrosclara* (Scatops.), **884**; MATTINGLY & GRJEBINE, *Ficalbia* (Culic.), revision, **2698**; SENEVET, Anophelinae (Culic.), revision, **3665**.

Hemiptera.—CARVALHO, Miridae, keys, **661**; HERRING, water-striders, Dana Expeds., **1731**; HESLOP-HARRISON, Psyllidae, key to subfam., Ciriacreminae, key to tribb., **1735**; HUNGERFORD, Heteroptera, aquatic and semi-aquatic, distribution, **1900**; HUNGERFORD & MATSUDA, *Tenagonus-Limnometra* complex (Gerrid.), Old World, key, **1912**; KAPUR, lac ins. (Coccid.), catalogue, **2106**; MEIER, *Acyrtosiphon* (Aphid.), key to ♀♀ living on Papilionacea, **2725**; METCALF, Issidae, catalogue, **2753**; TODD, Gelastocoridae, revision, **4072**; WAGNER, *Sthenarus* (Mirid.), revision, **4292**.

Mallophaga.—CLAY, *Degeeriella*, on Falconiformes, key, host-list, **768**; VON KÉLER, *Oxylipaeus* complex, key to genn. and subgenn., **2140**.

Orthoptera.—DIRSH, *Eyprepocnemis* (Acrid.), revision, key, **1037**.

ARCTIC, ANTARCTIC.

Insecta.—BRUGGEMANN, Queen Elizabeth Is., Canadian Arctic Archipelago, list, localities, **565**.

Hymenoptera.—HEINRICH, *Coelichneumonops* gen. et sp. n., Yukon, 1690.

Diptera.—SHEWELL, Simuliidae, Arctic and subarctic reg., distribution, 3693.

Anoplura.—BLAGOVESHCHENSKIĭ, Wrangell I., host-parasite list, 392.

Mallophaga.—BLAGOVESHCHENSKIĭ, Wrangell I., host-parasite list, 392; CARRIKER, *Naubates* sp. n., Antarctic Archipel., *Perineus* sp. n., King George I., 653.

INSULAR, including NEW ZEALAND.

Andaman Is. **Coleoptera.**—BREUNING, *Orsidis* sp. n., *Ostodes* sp. n. (Lam.), 494.

Azores. **Insecta.**—BAETA NEVES, FONSECA & GUIMARÃES, pests of stored products, list, 175. **Thysanura.**—CONDÉ, 867. **Protura.**—CONDÉ, 867.

Bermuda Is. **Diptera.**—WILLIAMS, summer filth fly population; new records, 4405.

Bonin Is. **Coleoptera.**—FORD, *Mirosternus* sp. n. (Anob.), 1333. **Diptera.**—DE SOUZA LOPES, *Goniophyto* sp. n. (Sarcoph.), 3814.

Canary Is. **Coleoptera.**—JEDLIČKA, new Carabidae, Tenerife, 2022; new Carabidae; *Calathus*, key, 2024. **Diptera.**—PERIS TORRES, *Solva* (Xylophag.), key, 3148. **Mallophaga.**—TIMMERMAN, *Longimenopon* sp. n., 4058.

Cape Verde Is. **Coleoptera.**—FAGEL, *Paederus fuscipes* subsp. n. (Staph.), 1225; MATEU, *Harpalus paivanus* subsp. n. (Carab.), 2678; PARDO ALCAIDE, *Sitaris* sp. n. (Meloid.), 3092. **Diptera.**—VAN EMDEN, Muscidae, new records, distribution, 1167.

Caroline Is. **Coleoptera.**—FORD, *Caenocara*, *Mirosternus* spp. n. (Anob.), 1333; WENDELER, *Priochirus* sp. n. (Staph.), Ponape, 4372; WITTMER, *Carphurus* sp. n. (Malach.), 4429. **Diptera.**—DE SOUZA LOPES, new Sarcophagidae, 3814. **Hemiptera.**—BARBER, new Lygaeidae, 214.

Cosmoledo Is. **Lepidoptera.**—LEGRAND, *Scopula sparsipunctata* subsp. n. (Geom.), Menai I., 2404.

Fiji. **Hymenoptera.**—GIORDANI SOIKA, *Parodynerus* sp. n. (Vesp.), Labasa, 1459. **Hemiptera.**—HERRING, *Halobates* sp. n. (Gerrid.), 1731; HUNGERFORD & MATSUDA, *Tenagonus* sp. n. (Gerrid.), 1912.

Galápagos Is. **Hymenoptera.**—HURD, *Xylocopa* (*Neoxylocopa*) *darwini* (Apid.), 1920.

Gough I. **Lepidoptera.**—BRADLEY, Microlep.; *Agonopterix* sp. n. (Oecoph.), 475. **Diptera.**—OLDROYD, Cyclorrhapha, records, 3044.

Guam. **Hemiptera.**—BARBER, *Bedunia* sp. n. (Lyg.), 214.

Gulf of Guinea Is. **Coleoptera.**—ARDOIN, new Tenebrionidae; Cnodalonini, new to fauna, 114; BASILEWSKY, Carabidae; *Brachinulus* gen. et sp.n., Principe, 250; FAGEL, *Afrosorius* gen. et spp.n. (Staph.), S. Tomé, 1227; GOMES ALVES, S. Tomé, Principe, 1483; TORDO, S. Tomé, Principe, 4094. **Lepidoptera.**—BACELAR, Rhopalocera, S. Tomé, Principe, list, 169; HERBULOT, new Geometridae, new records, 1717. **Hemiptera.**—CASTEL-BRANCO, Homoptera, S. Tomé, Principe, 671; FENNAH, *Numicia* sp.n. (Tropiduch.), S. Tomé, 1242; TORDO, Reduviidae new to S. Tomé and Principe; *Motoperius* gen. et sp.n., Principe, 4094. **Mallophaga.**—TENDEIRO, S. Tomé, Principe, first records, 4015; *Eidmanniella* sp.n., S. Tomé, 4018. **Orthoptera.**—CHOPARD, records, spp.n., 726.

Hawaiian Is. **Coleoptera.**—FORD, *Cillaeopeplus* spp.n. (Nitidul.), key, 1334; ZIMMERMAN, *Proterhinus*, key to spp., 4513. **Lepidoptera.**—ZIMMERMAN, Macrolep., keys, new Pyraloidea, keys, 4511. **Hemiptera.**—USINGER, *Saicella* gen. et sp. n. (Reduv.), 4193. **Mallophaga.**—VON KÉLER, *Perineus* sp.n., 2139.

Juan Fernández Is. **Coleoptera.**—STRANEO, Carabidae, suppl.; *Trachysarus* sp.n., Masatierra, 3892. **Hymenoptera.**—OGLOBLIN, key; new genn. and spp., 3026. **Diptera.**—BRNCIC, Drosophilidae, key; *Drosophila* sp.n., Masatierra, 530; HENNIG, additions

to list, 1707; WIRTH, Ceratopogonidae, Chironomidae, Ephyridae, suppl.; *Scatella* spp.n. (Ephydr.); *Telmatogeton*, gen. new to fauna, *Clunio brasiliensis* (Chiron.), new to fauna, 4427. Hemiptera.—EVANS, new Cicadellidae, 1214; FENNAH, new Delphacidae, 1244; KORMILEV, *Micrymenus* sp.n. (Lyg.), Masatierra, 2243.

Kurile Is. Diptera.—SHTAKEL'BERG, *Spilomyia* sp.n. (Syrph.), 3700.

Lord Howe I. Diptera.—PARAMONOV, *Laphria* spp.n. (Asil.), 3085.

Loyalty Is. Neuroptera.—KIMMINS, list, 2178. Diptera.—MATTINGLY & RAGEAU, *Culex* sp.n., 2699. Odonata.—KIMMINS, list, 2178.

Madeira. Insecta.—BAETA NEVES, FONSECA & GUIMARÃES, pests of stored products, list, 175. Coleoptera.—BAETA NEVES, *Anobium emarginatum*, new to fauna, 174; COLAS & MATEU, *Calathus* sp.n., *Aepus gracilicornis* subsp.n. (Carab.), Deserta Grande, 820; LUNDBLAD, critical list and review, 2525; MATEU, *Bradycellus* sp.n. (Carab.), 2678; ROUDIER, new Curculionidae, 3454. Lepidoptera.—BRADLEY, Microlep., list; *Blastobasis* sp.n. (Tortr.), 476. Collembola.—GISIN, *Hypogastrura* sp.n., 1465. Protura.—CONDÉ, *Acerentulus* sp.n., 867.

Mariana Is. Coleoptera.—FORD, *Miosternus* sp.n. (Lam.), 1333; WITTMER, *Carphurus* sp.n. (Malach.), 4429.

New Caledonia. Coleoptera.—BREUNING, new Lamiidae, 494; MONRÓS, *Bohumiljanina* gen. et sp.n. (Chrys.), 2820. Hymenoptera.—BROWN, *Rhytidoponera* (Form.), revision, spp.n., 553. Trichoptera.—KIMMINS, list, 2178. Neuroptera.—KIMMINS, *Noius* sp.n., list, 2178. Hemiptera.—COHIC, *Leucaspis* sp.n. (Coccid.), 797; HERRING, *Halobates* sp.n. (Gerrid.), 1731; RUSSELL, *Orchamoplatus* sp.n. (Aleyrod.), 3480; SCUDDER, *Pylorgus* sp.n. (Lyg.), 3642. Odonata.—KIMMINS, list, 2178.

New Hebrides. Coleoptera.—BREUNING, *Glenea* sp.n. (Lam.), Vanikoro, Santa Cruz Is., 496. Hymenoptera.—GIORDANI SOIKA, new Vespidae, 1459. Trichoptera.—KIMMINS, list, 2178. Neuroptera.—KIMMINS,

list, 2178. Odonata.—KIMMINS, list; *Apsilochorema* sp.n., *Nesobasis* sp.n., 2178.

New Zealand. Coleoptera.—SHAW, *Eucolaspis* (spp.n.), *Atrichatus* (Eumolp.), revision, 3687; VRYDAGH, Bostrychidae, 4284; WISE, *Anthrenus vorax* (Dermet.), new to fauna, N.Z. Ent. 2 no. 2: 26–28. Lepidoptera.—WISE, *Danaus chrysippus petilia*, established in New Zealand, N.Z. Ent. 2 no. 3: 52. Trichoptera.—WISE, Auckland Mus. coll., catalogue, genn. et spp.n.; Ecnominae, subfam. new to fauna, 4428. Diptera.—LINDNER, Stratiomyidae, genn. and spp.n., 2468. Hemiptera.—HOY, Coccids, on rata and kamahi; *Capulinia* sp.n., *Eriococcus* spp.n., 1865; LAMB, *Myzus ascalonicus*, *Rhopalosiphoninus latysiphon* (Aphid.), new to fauna, 2333; WOODWARD, Peloridiidae, key; *Oiophysa* sp.n., 4455. Dermoptera.—GILES, Three Kings Is.; *Brachylabis* sp.n., 1443. Orthoptera.—RICHARDS, Rhaphidophoridae, pts. 1–3, revision, 3367. Collembola.—SALMON, new cave Collembola, 3506.

Oceania, generally. Insecta.—GRESITT, collections, 1532. Coleoptera.—CHŪJŌ, Bostrychidae, keys, distribution, 744; FORD, Anobiidae, keys, new records, distribution, 1333; STROHECKER, Endomychidae, key to subfam., distribution, 3906; WITTMER, Lampyridae, Telephoridae, Malachiidae, Drilidae, 4429. Hymenoptera.—GIORDANI SOIKA, solitary Vespidae, S. Polynesia, 1459; TOWNES, Ichneumonidae, Stephanidae, Evanidae, Micronesia; gen., spp. et subsp.n., 4104; WATANABE, Eucharitidae, Micronesia: spp.n., 4342. Diptera.—HARDY, Scenopinidae, 1626; DE SOUZA LOPES, Sarcophagidae, keys, distribution, new records, 3814. Hemiptera.—BARBER, Lygaeidae, keys, distribution list, new records, 214; FENNAH, Fulgoroidea, S.E. Polynesia, key to famm., new spp., 1245.

Palau (Pelew) Is. Coleoptera.—STROHECKER, *Stenotarsus* sp.n. (Endomych.), 3906; WITTMER, *Atypella carolinae* subsp.n. (Lampyr.), 4429.

Revillagigedo Is. Coleoptera.—LINSLEY, *Acanthoderes* sp.n. (Ceramb.), 2485. Hymenoptera.—HURD, *Xylcopa* (*Neoxylcopa*) sp.n. (Apid.),

Clarion I., 1920. **Lepidoptera**.—VÁSQUEZ G., Rhopalocera; *Thecla columella* subsp.n. (Lycaen.), 4220.

Tonga Is. **Hemiptera**.—RUSSELL, *Orchamoplatus* sp.n. (Aleyrod.), 3480.

Tristan da Cunha. **Hemiptera**.—CHINA, *Nabis* sp.n., *Delphacodes* sp.n., 720; HILLE RIS LAMBERS, Aphidae, first records, 1760. **Mallophaga**.—CLAY, 772; TIMMERMAN, *Longimenopon* spp.n., 4058.

PALAEARCTIC REGION, collectively.

Coleoptera.—COIFFAIT, *Octavius* (Staph.), revision, 814; LUK'YANOVICH, *Bothynoderes* (B.) (Curc.), distribution, 2521; MIKSIC, *Potosia* (Ceton.), revision, distribution, geogr. races, 2774; SCHEERPELTZ, *Arpedium* (*Deliphrosoma*) (Staph.), key to spp., 3565; TER-MINASYAN, *Bothynoderes* (s. str.) (Curc.), key to spp., 4023.

Hymenoptera.—HOFFER, *Paraphaenodiscus* (Encyrt.), key to ♀♀, 1805; KRÜGER, *Bombus* subgen. *Terrestribombus* (Apid.), races, 2271; MASNER, *Ganaspis* (Cynip.), key to spp., 2673; POPOV, *Macropis* spp., *Epeoloides coecutiens* (Apid.), distribution, 3221; *Andrena* subgen. *Parandrenella*, *Plastandrena*, *Trachandrena* (Apid.), esp. USSR, keys to spp., distribution, 3222; ŠUSTER, Apoidea, system of genn., 3932.

Lepidoptera.—OBRAZTSOV, Olethreutinae, catalogue, revision, 3007; ZAGULYAEV, Tineinae, keys to genn., 4492.

Diptera.—HENNIG in LINDNER, Muscidae, revision, 1705; HERING, *Melanagromyza*, key to spp., 1722; JUNG in LINDNER, Bruchomyiinae, Trichomyiinae (Psychod.), revision, 2079; JUNG & THEODOR in LINDNER, Psychodidae, revision, key to subfam., 2080; PEUS in LINDNER, Tanyderidae, Ptychopteridae, revision, 3177; SCHMITZ in LINDNER, Phoridae, revision, 3600; SHILOVA, *Tendipes* (Chiron.), keys to all stages, 3696; SHTAKEL'BERG, *Spilomyia* (Syrph.), key, 3700; *Cheilosia* (Syrph.), key to spp., 3701.

Siphonaptera.—JORDAN, *Stenoponia*, distribution, 2060.

Hemiptera.—DLABOLA, Cicadellidae, key to genn., 1044; FILIPPI, Saldidae, Mediterranean reg., 1281.

EUROPE, collectively.

Coleoptera.—COIFFAIT, *Hormosacus subcostatus* (Silph.), new to fauna, 801; FAGEL, *Geodromicus plagiatus* group (Staph.), 1222; *Paederidus algiricus* (Staph.), new to fauna, 1223; SCHMIDT, *Tetrops* (Lam.), key, 3597; SMETANA, *Ontholestes* spp. (Staph.), key, 3750.

Hymenoptera.—BOUČEK, Tetracampidae (Euloph.), revision, key to genn., 454; ČAPEK, *Cosmophorus* (Brac.), revision, key to genn. and spp., 632; FISCHER, *Opius* (Brac.), key, 1295; *Opius* (Brac.), revision, distribution, 1296; v. ROSEN, Pteromalidae, revision, key, 3432; STARÝ, Aphidiinae, revision, key to genn. and subgenn., distribution, hosts, 3839.

Diptera.—DUPUIS, Phasiinae (Tach.), distribution, 1122; FREY, *Thrypticus* (Dolichop.), key, 1369; MOUCHA & CHVALA, *Theriopectes* (Taban.), key to spp. and ff., distribution, 2850; VAILLANT, *Pericoma barbarica* (Psychod.), new to fauna, Entomologiste 14: 77–79, 2 figs.; *Pericoma unispinosus* group (Psychod.), 4204; VENTURI, *Villa* (Bombyl.), spp. new to fauna, 4232.

Hemiptera.—STICHEL, Heteroptera, illustrated keys, 3869; WAGNER, *Notostira erratica*, *elongata* (Mirid.), distribution, 4304.

Collembola.—CASSAGNAU & DELAMARE DEBOUTTEVILLE, *Arrhopalites*, key; *Pararrhopalites*, gen. new to fauna, 670.

NORTH EUROPE AND SIBERIA.

Coleoptera.—HEQVIST, *Halictophagus curtisii* (Stylop.), fam. new to Sweden, 1715; KANGAS, *Badister* (Carab.), Finland, revision, 2098; MICHELSEN, *Rhagium* spp. (Ceram.), Denmark, distribution, 2758; STOCKMANN, *Gnathoncus*, Fennoscandia, revision, key, 3872; SUNDT, *Acrotrechis* (Trichopteryg.), Scandinavia, revision, key, distribution, 3927.

Hymenoptera.—BENANDER, *Dolerus gessneri*, *sanguinicollis*, *Tenthredo procera*, *acerrima*, *perkinsi* (Tenthr.), new to Sweden, Opusc. ent. **23**: 33–34; FASTER, *Vespa*, key, **1237**; HANSON, *Paratrechina longicornis* (Form.), new to Sweden, Ent. Tidskr. **79**: 41–42; HELLÉN, *Apanteles lateralis*, *ruficrus* (Brac.), new to Finland, Notul. ent. **37** 1957: 76; *Perilampus tristis*, new to Finland, Notul. ent. **38**: 2; *Apanteles* spp. (Brac.), new to Finland, Notul. ent. **38**: 63; Braconinae, Finland, revision, key to tribes and genn., distribution, **1692**; Tersilochina (Ichneum.), Finland, keys to genn. and spp., distribution, **1694**; *Chelonius* spp. (Brac.), Finland, key, distribution, **1695**; Cynipidae, Finland, key to subfam., genn. and spp., distribution, **1696**; VAN LITH, *Chrysis brevidens*, new to Holland, **2491**; LØKEN, *Bombus sylvarum* v. *nigrescens* (Apid.), new to Norway, **2504**; WIERING, *Halictus sexnotatus*, *pygmaeus* (Apid.), new to Holland, Ent. Ber., Amst. **18**: 166–168; VAN DER ZANDEN, Aculeata, Holland, II, **4501**.

Lepidoptera.—BAKKE, *Evetria buoliana*, *pinicolana* (Tortr.), Norway, distribution, **186**; BENTINCK, some Microlep. new to Holland, Ent. Ber., Amst. **18**: 169–171; DIAKONOFF, *Euxanthia alternana* (Tortr.), new to Holland, Ent. Ber., Amst. **18**: 180–181, 2 figs.; EKSTRÖM, Gotland, new records, Opusc. ent., **23**: 85–89; KOZHANCHIKOV, Karelian isthmus, USSR, list, **2250**; KROGERUS, *Incurvaria aereipennella*, new to Finland, **2264**; LANGER, monogr., **2349**; NORDSTRÖM, *Phragmataecia castaneae* (Cossid.), new to Sweden, Ent. Tidskr. **79**: 11–13; NYSTRÖM, *Crambus fulgidellus* (Pyr.), new to Finland; distribution, **2994**; OPHEIM, Lep. new to Norway, Norsk ent. Tidsskr. **10**: 239–240, 5 figs.; SUOMALAINEN, *Epinephale lycaon* (Satyr.), Finland, change in distribution, **3928**; WILMINK, *Hydraecia petasitis* (Noct.), new to Holland, Ent. Ber., Amst. **18**: 174.

Diptera.—ANDERSSON, *Dasyneura libera*, *pseudococcus*, *Wachtliella thymicola* (Cecid.), new to Sweden, **97**; VAN DOESBURG, Syrphidae, Holland, new records, **1060**; PERSSON, some Trypetidae, new to Sweden,

3157; RINGDAHL, Brachycera, Norrland, Sweden, new records, **3388**; SPEISER & SCHMITZ, Phoridae, E. and W. Prussia, list II, III, **3818**; STORÅ, some Helomyzidae, Finland; *Eccoptomera infuscata*, deleted from Finnish list, **3881**; TJEDER, Limoniinae (Tipul.), Sweden, revision, **4068**.

Hemiptera.—COBBEN, some Heteroptera, Holland, **786**; Hemiptera, Netherlands, new records; *Lygus* complex (Mirid.), key to larvae, **787**; COBBEN & GRAVESTEIN, leafhoppers (Hom.), new to Holland, Ent. Ber., Amst. **18**: 122–124; LINDBERG, *Megaloceraea recticornis* (Mirid.), new to Finland, Notul. ent. **37**: 126.

Mallophaga.—HELLÉN, *Ornithobius cygni*, *Anatoxus cygni*, *Trinoton cygni*, new to Finland, Notul. ent. **37** 1957: 26.

Orthoptera.—LINDGREN, *Henschou-
tedenia flexivitta* (Blatt.), new (imported) to Sweden, Ent. Tidskr. **79**: 69–71, 1 fig.

Collembola.—PALISSA, Baltic coastal areas, new records, **3073**.

BRITISH ISLES.

Insecta.—STIDSTON (Ed.), Devon, records, **3871**.

Coleoptera.—DALTRY, *Philonthus dimidiatipennis* (Staph.), new to fauna, Ent. mon. Mag. **94**: 66; HICKIN, alien insects alive in Britain, **1747**; LAST, *Atheta (Microdota) spatuloides* (Staph.), confirmed on Br. list, Ent. mon. Mag. **94**: 143–144, 3 figs.; PEARCE, *Tychus striola* (Pselaph.), added to Br. list, **3133**; THOMPSON, Phalacridae, keys, **4043**; THOMPSON & STYLES, *Otiorrhynchus niger* (Curc.), first record, Ent. mon. Mag. **94**: 183.

Hymenoptera.—BENSON, Symphyta (Tenthr.), keys, new records, **324**; COLLINGWOOD, *Myrmica* (Form.), key, distribution, **843**; Formicidae, Ireland; *Formica fusca*, new to fauna, **844**; Formicidae, keys, **845**; DONISTHORPE, *Ponera punctatissima* (Form.), new to Ireland, Ent. mon. Mag. **82** 1946: 230; FERRIERE & KERRICH, Chalcidoidea, keys, **1275**; FISCHER, *Opius tenuicornis* (Brac.), new to

fauna, **1296**; GRAHAM, *Merisus splendens* (Pterom.), new to fauna, Ent. mon. Mag. **94**: 131; RICHARDS, *Dusmetia pulex* (Encyrt.), new to fauna, **3369**.

Lepidoptera.—HESLOP, suppl. to check list, **1734**; RICHARDSON & MERE, Scilly Is., esp. Tresco, records, **3377**; STIDSTON (Ed.), Devon, records; *Celerio nicaea* (Sphing.), new to British fauna, **3871**.

Diptera.—ANDREWES, *Spilogona alpica* (Musc.), new to fauna, J. Soc. Brit. Ent. **6**: 26; BRINDLE, *Tipula*, key to larvae, list, **516**; CLARK, *Gymnosoma* (*Stylogymnomyia*) *nifens* (Tach.), new to fauna, Entomologist **91**: 100; COLLIN, *Fannia* (Musc.), notes, **838**; Cordyluridae, keys; *Gymnomera dorsata*, *Microprosopa haemorrhoidalis*, removed from Br. list, **840**; HACKMAN, *Chylizosoma paridis* (Cordylur.), new to England, **1588**; NYE, Cyclorrhaphous larvae of Gramineae, key, **2993**; SMITH, Jersey, list, **3773**.

Siphonaptera.—ROTHSCHILD, bird fleas, Fair Isle, Scotland, **3448**.

Hemiptera.—BROWN & SCUDDER, aquatic *Micronecta minutissima* (Corix.), distribution, **543**; LE QUESNE, *Anthocoris*, key to spp., **2421**; LESTON, aquatic Corixidae, Ireland, distribution, **2429**; SCUDDER, *Zygimus nigriceps* (Mirid.), new to fauna, Ent. mon. Mag. **94**: 171–172, 1 pl.; *Salda morio*, *muelleri*, distribution, Ent. mon. Mag. **94**: 190–192.

Plecoptera.—HYNES, keys to adults and nymphs, distribution, **1935**.

Ephemeroptera.—MACAN, *Heptagenia*, *Rhithrogena*, key to nymphs, **2537**.

Odonata.—SANSBURY, *Orthetrum cancellatum*, new to Wales, Nat. in Wales **4**: 639.

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Trichoptera.—KIMMINS, Hydroptilidae, key to genn, 2181; MARLIER, Lake Tumba, Belg. Congo; *Ecnomus* spp., *Psychomyiellodes obscura*, new to fauna, 2637.

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Trichoptera.—LEPNEVA, *Psilotreta kisoensis*, new to USSR fauna, 2416.

Diptera.—ABDEL-MALEK, *Anopheles* (Culic.), Syria, keys, 8; ALKAN, *Asphondylia capsici* (Cecid.), new to Turkey, 76; DUPUIS, *Allophora hemiptera* (Tach.), new to Ussuriland, 1122; GILLIES, *Simulium ruficorne*, gen. et sp. new to Arabian peninsula, Trans. R. Soc. trop. Med. Hyg. 52: 475; GUTSEVICH, blood-sucking black flies (Ceratop.), Russia, key, 1563; MOUCHA & CHVÁLA, *Theriopectes* (Taban.), key to spp. and ff., distribution, 2850; OLDROYD, Asilidae, Persia, 3045; ZAITSEV, Bombyliidae, Transcaucasia, new records, 4494; ZIMINA, *Pseudoplatychirus peteri* (Syrph.), gen. et sp. new to USSR fauna, Ent. Obozr. 37: 206–207, 4 figs.

Hemiptera.—DLABOLA, Auchenorrhyncha, Caucasus, distribution, 1042; LINNAVUORI, *Calligypona obtusangula* (Delphac.), new to Israel, 2483; SEIDENSTÜCKER, Heteroptera, Anatolia, new records, 3651; Heteroptera (excl. Miridae), Persia, list, 3653; TAMANINI, *Velia mancinii*, new to USSR, 3983; WAGNER, Miridae, Persia, list, 4310.

Thysanoptera.—BLUNCK, Turkey, list, distribution, 413.

Isoptera.—WEIDNER, Iraq, key, 4363.

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Odonata.—BELYSHEV, distribution, 310; BELYSHEV, Centr. Asia, new records, 311; BELYSHEV & DOSHIDORDZHI, Mongolia, list, 312.

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Tilius (Carab.), 2676; MATHAI, *Dermestes*, Zool. Survey of India; *D. frischii*, new to fauna, 2680; MEDVEDEV, Criocerinae, China, Japan, list, 2717; MORIMOTO, Lobotrachelini (Curc.), Japan, key to genn. and spp., 2842; OBENBERGER, *Coraeobina* (Bupr.), revision, key, 2999; Buprestidae, S. China, exped. 1955, 3004; ÔHIRA, *Melanotus* (Elat.), Japan, key to some larvae, 3031; PARDO ALCAIDE, *Mylabris* (Meloid.); *pallipes* group, key, 3089; SUBRAMANIAN, *Ochyromera artocarpi* (Curc.), India, extended distribution, 3920; T'AN, *Epicauta* (Meloid.), China, key, list, 3986; TANAKA, Anisodactylini (Carab.), Japan, key to genn., 3991; UENO, Trechinae (Carab.), Japan, 4166; VAZIRANI, Gyrinidae, N. India; *Orectochilus undulans*, new to India, 4225; Voss, Curculionidae, Fukien, China, 4280.

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Lepidoptera.—INOUE, *Cilix flipjevi*, gen. et sp., *Auzata micronioides* (Drepan.), sp. new to Japan, 1950; INOUE & SUGI, Noctuidae, Japan, check list, 1952; MELL, history, 2729; TINDALE, *Endoclita* (Hepial.), E. Asia, revision, 4059.

Trichoptera.—KIMMINS, *Chimarra*, key to ♂♂, 2177; SCHMID, Ceylon, list, distribution, 3589.

Diptera.—ALEXANDER, crane-flies (Tipul.), Honshu, Japan, II, 67; Tipulidae, XLV, 68; CHANG, *Anopheles maculipennis* (Culic.), N.E. China, distribution of races, 689; CHU, Culicidae, new to China, 742; Culicine mosquitoes, Hainan I., list, spp. new to China, 743; FREY, Nothybidae, Micropezidae, E. Asia, keys, 1370; HARDY, *Plecia* (Bibion.), S.E. Asia, revision, key, 1629; HSIEH, Calliphoridae, Sarcophagidae, Muscidae, Amoy, China, list, 1869; KEISER, Syrphidae, esp. Ceylon, new records, distribution, 2138; LIÜ, *Chrysozona* (Taban.), China, list, new records, 2493; NAGATOMI, *Aytherix* (Rhagion.), Japan, 2909; RAO, *Asphondylia*, India, key; *Feltiella* (Cecid.), gen. new to fauna, 3302; SASAKAWA, *Agromyza* spp., *Tylomyza madizina* (Agromyz.), new to Japan, 3528; SMITH, some Conopidae, India; *Physocephala obscura*, new to fauna, 3772; TAKAHASHI, Dixidae, Japan, revision, key, 3967; THURMAN, *Malaya jacobsoni* (Culic.), new to N. Thailand, 4051; TOKUNAGA, *Psychoda*, Japan, revision, key, 4077; WATTAL, BHATIA & KALRA, Culicinae, Dehra Dun, N. India, new records, 4348.

Siphonaptera.—LI, China, list, 2451; LI & WANG, *Stivalius* spp., China, first records, 2452.

Hemiptera.—DRAKE & CHAPMAN, *Saldoida*, 1091; ISHIHARA, Cicadelloidea, Niigata Prefecture, Honshu, Japan, list, 1959; KANAKARAJ DAVID, *Hyalopteris pruni* (Aphid.), new to S. India, 2092; *Aulacorthum solani*, *Liosomaphis berberidis* (Aphid.), new to India, 2093; MORITSU, Aphidae, Mt. Hikosan, Kyushu, Japan; *Aulacorthum solani*, new to fauna, 2847; RAO, Aleyrodidae, India, esp. Hyderabad, list, host-plants, 3301; TAKAGI, Aspidiotini (Coccid.), Japan, list, 3963; TAKAHASHI, *Microthoracaphis saramaensis* (Aphid.), new to Japan, 3969.

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Mallophaga.—ANSARI, Ischnocera, on birds, Pakistan, 104; Amblycera, on birds, Pakistan, 105.

Isoptera.—SEN-SARMA & MATHUR, *Cryptotermes dudleyi*, India, extended distribution, Curr. Sci., Bangalore 26 1957: 399.

Orthoptera.—BEI-BIENKO, Blattodea, Chinese-Soviet exped. 1955-56, 301; DIRSH, Karakorum & Hindu Kush, Ital. Exped., 1954-55, 1033.

Collembola.—NOMURA, limestone caves, Oita Prefecture, Japan, 2972; SALMON, some Paronellinae, India, 3504.

ASIATIC ARCHIPELAGO.

Insecta.—VAYSSIÈRE, associated with plants, Malaya, Sumatra, 4224.

Coleoptera.—BENESH, Lucanidae, Philippines, Chicago nat. Hist. Mus. Exped. 1946-47; *Odontolabis planiceps*, *Aegus impressicollis*, new to fauna, 319; BREUNING, *Serixia* (Lam.), revision, key to subgen., spp., ff., 485; *Gyaritus* sp. n., Banguay I., N. Borneo, *Sybra bicolor* f.n. (Lam.), Celebes, 494; GILMOUR, *Apriona* (Lam.), revision, 1454; JOHN, some *Aphanocephalus* spp., E. Indies, 2040; LOUWERENS, new Carabidae, Celebes, 2509; MARSHALL, key to *Syncoxus* & allied gen., *Ochrananus*, key to spp. (Curc.), Indonesia, 2646; SCHEDL, Scolytidae, Platypodidae, new to Malaya, 3555; Scolytidae, Borneo, new records, 3558; STRANEO, *Caelostomus minor* (Carab.), new to Celebes, 3887; VILLIERS, Disteniinae (Ceramby.), Indo-Pacific region, 4260; Voss, *Philocoptus* spp. n. (Curc.), Philippines, key, 4281.

Hymenoptera.—CHIU, *Enicospilus* (Ichneumon.), Malaya, key, 724; HAMANN, Sclerogibbidae (Bethyl.), new to fauna, 1608; KELNER-PILLAULT, Diapriinae (Proctotrup.), Kieffer collection, 2143; LECLERCQ, Crabroninae (Sphec.), keys; *Ectemnius* subgen. *Cameronitus*, revision; *Lestica* sp. n., Bangka, 2380; PASTEELS, *Gasteruption* (Evan.), revision, 3113; VAYSSIÈRE, *Xylocopa collaris*, *tenuiscapa* (Apid.),

new to fauna, 4224; WAHIS, *Argyroclitus* (Pomp.), gen. new to fauna, 4318.

Lepidoptera.—D'ABRERA, *Delias aglaia* (Pier.), not extinct in Singapore, Malay. Nat. J. 12 1957: 36; TINDALE, *Endoclita* (Hepial.), Indonesia, revision, 4059; VAYSSIÈRE, *Cleosiris catamita* (Callidul.), new to Malayan archipel., 4224.

Trichoptera.—ULMER, Sunda Is., pt. III, 4177.

Diptera.—DE AZEVEDO, GÂNDARA & FERREIRA, Anophelini (Culic.), Timor, first list, 158; COLLESS, *Aedes niveus* subgroup (Culic.), Singapore, 833; HARDY, *Neosiphira* (Otit.), Celebes, review, 1628; MATTINGLY, *Aedes* (Culic.), Indomalayan area, revision, keys, 2694; SATCHELL, *Telmatoscopus* subgen. *Mormia* (Psychod.), new to fauna, 3529.

Hemiptera.—DRAKE & CHAPMAN, *Saldoida*, 1091; VAYSSIÈRE, *Clavaspis herculeana* (Coccid.), new to fauna, 4224; WYGODZINSKY, *Stenolemus* sp. n. (Reduv.), 4469.

Psocoptera.—SOEHARDJAN, Indonesia, list, 3795.

Isoptera.—HARRIS, Malaya, field key to soldiers, 1645.

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Insecta.—GRESSITT, island faunae, distribution patterns, 1535.

Lepidoptera.—BERIO & FLETCHER, *Sypna* (Noct.), 340; PROUT, Geometridae, new records, 3267.

Diptera.—HARDY, *Sophira*, *Tritae-niopterion* (Tryp.), keys, 1630; PARAMONOV, Pyrgotidae (Otit.), Australia & New Guinea, review, 3084.

Hemiptera.—BROWN, *Amblypelta* (Coreid.), revision, 542; SCUDDER, *Ischnorhynchini* (Lyg.), Australian region, key, 3642.

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Insecta.—SZENT-IVANY & BARRETT, banana ins., new to fauna, 3952.

Coleoptera.—BREUNING, *Serixia* (Lam.), revision, key to subgen., spp., ff.; new records, 485; NEBOISS, *Hapatesus* spp. n. (Elat.), Austro-Malayan sub-region, key, 2938.

Diptera.—HARDY, *Plecia* (Bibion.), revision, key, 1629; MATTINGLY & RAGEAU, *Culex*, S. Pacific exl. New Guinea, keys, 2699.

Hemiptera.—MILLER, Reduviidae, esp. New Guinea & adjacent islands, I, II, new spp., keys, 2784.

Psocoptera.—SOEHARDJAN, Indonesia, list, 3795.

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Coleoptera.—GILMOUR, *Apriona* sp. n. (Lam.), New Britain, 1454;

Diptera.—HARDY, *Plecia fumidula* subsp. n. (Bibion.), New Britain, 1629.

Hemiptera.—BROWN, *Amblypelta costalis* subsp. n. (Coreid.), New Britain, New Ireland, 542.

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Coleoptera.—BREUNING, new Lamii-dae, 494, 496-498; LOUWERENS, Carabidae; *Dicrochile gigas* (gen. et sp.), *Marion stolidum*, new to fauna, 2508.

Hymenoptera.—BRADLEY, *Scolia* (*Microscolia*) sp. n., Obi, 471.

Diptera.—HARDY, *Neosiphira* (Otit.), review; sp. n., Sula I., 1628.

Hemiptera.—HUTCHINSON, *Anisops* sp. n. (Notonect.), Batjan Is., 1933; MAMET, *Schizentaspides loranthi* (Coccid.), gen. et sp. n., Amboina, 2600.

NEW GUINEA.

Coleoptera.—BREUNING, *Pterolophia* sp. n., *Mycerinopsis* sp. n. (Lam.), 494; *Cypriola* sp. n. (Lam.), 496; *Glenea* spp. & ff.n. (Lam.), 498; GILMOUR, *Apriona* sp. n. (Lam.), 1454; JOHN, *Aphanocephalus* spp. n. (Discolom.), also Woodlark I., 2040; KASZAB, new Tenebrionidae, 2121; OBENBERGER, *Vanroonia* sp. n. (Bupr.), Prince Frederic I., 3003; Voss, new Curculionidae, 4278; VRYDAGH, *Bostrychopsis jesuita*, new to fauna, 4285; WENDELER, *Priochirus* spp. n. (Staph.), 4372.

Hymenoptera. — BENSON, *Lophyrotoma* sp. n.; *Ancyloneura* (Tenth.), key, 326; BROWN, *Gnamptogenys* spp. n. (Form.), 553; *Arnoldidris* sp. n. (Form.), 560; *Strumigenys* sp. n. (Form.), 561.

Lepidoptera. — MUNROE, *Pycnarmon jaguaralis* subsp. n. (Pyr.), also Biak & D'Entrecasteaux Is., 2883.

Diptera. — VAN DEN ASSEM, *Mansonia* sp. n. (Culic.), 137; VAN DEN ASSEM & VAN DIJK, Anopheline mosquitoes (Culic.), Netherlands New Guinea, distribution, 138; HARDY, *Plecia* spp. n. (Bibion.), 1629; PETERS, *Culex* sp. n., Papua, 3162; SCHUURMANS STEKHOVEN, *Tripselia* sp. n. (Nycterib.), 3628.

Hemiptera. — BROWN, *Amblypelta* spp. et subsp. n. (Coreid.), 542; MILLER, Reduviidae, new spp., keys, also adjacent islands, I, II, 2784; TODD, *Nerthra* sp. n. (Gelastocor.), 4072; WOODWARD, *Felisacus* sp. n. (Mirid.), 4454; WYGODZINSKY, *Gardena* sp. n., *Stenolemus* sp. n. (Reduv.), 4469.

Orthoptera. — WILLEMSE, *Pseudonicsara* sp. n. (Tettigon.), Papua, 4396.

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Coleoptera. — BREUNING, *Glenea* spp. et ff. n. (Lam.), 498; BUCK, *Nocar* sp. n. (Cistel.), *Chariotheca* sp. n., *Platolenes* sp. n. (Tenebr.), Rennell I., new records, 575; KASZAB, *Amarygmus* spp. n. (Tenebr.), Bougainville, 2121.

Lepidoptera. — MUNROE, *Pycnarmon jaguaralis* subsp. n. (Pyr.), Florida I., 2883.

Diptera. — HULL, *Chymedax* gen. et sp. n. (Asil.), 1886.

Hemiptera. — BROWN, *Dasynus* sp. n., Guadalcanal, *Amblypelta* sp. et subsp. n. (Coreid.), 542; HUNGERFORD & MATSUDA, *Rheumatometroides* gen. et sp. n. (Gerrid.), Kolombangara, 1911; *Limnometra* sp. n. (Gerrid.), Guadalcanal, 1912; TODD, *Nerthra* sp. n. (Gelastocor.), Guadalcanal, Bougainville, 4072.

Isoptera. — HARRIS, *Schedorhinotermes* sp. n., Guadalcanal, 1646; HARRIS & BROWN, key to soldiers, 1648.

AUSTRALIA.

Coleoptera. — CARNE, Rutelidae, review, 645; HAAF, *Trox* (Trogid.), suppl. to revision, 1570; SCHEDL, Scolytoidea, new to fauna, 3556; VRYDAGH, Bostrychidae; *Troxoxylon punctipenne*, *Dinoderus papuanus*, new to fauna, 4284.

Hymenoptera. — MCAREAVEY, *Stigmacerus* (Form.), revision, 2540; PASSLOW, *Eupelmus popa*, new to Queensland, Qd J. agric. Sci. 15: 35–36; PASTEELS, *Gasteruption* (Evan.), revision, 3115; SALTER, ♂ Thynnidae, 3511.

Lepidoptera. — COMMON, *Agrotis*, revision; *Euxoa* (Noct.), deleted from fauna, 853; *Pectinophora* & related genn. (Gelech.), revision, 854; Tortricidae, revision of genn., 855.

Trichoptera. — NEBOISS, *Bachorema* & related genn., key, 2936.

Diptera. — MCALPINE, Rhinotoridae, fam. new to fauna, 2535; MARKS, *Aedes* (Finlaya) *kochi* group (Culic.); (*F.*) *wallacei*, new to fauna, 2633; *Aedes* (*Ochlerotatus*) (Culic.), 2634; PARAMONOV, *Laphria* (Asil.), revision, key, 3085.

Siphonaptera. — SMIT, *Hoogstraalia*, new to fauna, 3762.

Hemiptera. — BURNS, *Diemeniana* (Cicadid.), revision, key, 598; RUSSELL, *Orchamoplatus* (Aleyrod.), key, 3480; WOODWARD, *Omania* (Saldid.), gen. new to fauna, 4456.

Odonata. — WATSON, S. W. Australia, key, 4347.

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Coleoptera. — BLAKE, Galerucine beetles with excised middle tibiae in male, review, keys to genn. & spp., 393; JEANNEL, Camiarinae (Silph.), subfam. new to fauna, 2013; MADER, Synonychini, key to genn.; *Cycloneda* (Coccinell.), key to spp., 2574; MONRÓS, *Crioceris* (Chrys.), deleted from list, 2819; SLEEPER, *Anthonomus funereus-albolineatus* groups (Curc.), key, 3739; VILLIERS, Disteniinae (Ceramby.), key to genn., 4258; VRYDAGH, Bostrychidae, Humboldt Univ. collection, Berlin, 4285.

Hymenoptera.—CROSS, *Nomia* (*Epinomia*) (Apid.), revision, 915; LABERGE, *Gaesischia* (Apoid.), 2308; ZIKÁN, *Mischocyttarus* (Vesp.), keys, 4508.

Lepidoptera.—DE LA TORRE Y CALLEJAS, *Kricogonia* (Pier.), key, 4100.

Diptera.—ACZÉL, *Acinia* (Tryp.), revision, 20; EWEN & SAUNDERS, *Atrichopogon* (Ceratop.), partial revision, 1218; SNYDER, *Neodexiopsis* (Musc.), review, keys, 3792; DE SOUZA LOPES, *Peckia* & related genn. (Sarcoph.), 3815; WIRTH, *Gastrops* (Ephydr.), review, new records, 4426.

Hemiptera.—DRAKE & CHAPMAN, Hebridae, list, 1092; DRAKE & DAVIS, *Piesma*, key, 1093; DRAKE & KORMILEV, apterous Mezirinae (Aradid.), 1094.

Ephemeroptera.—TRAVER, Leptohyphinae, revision, I, 4121.

Thysanura.—WYGODZINSKY, Nicoletiidae, extended distribution; *Grassiella*, key, 4467.

NORTH AMERICA.

Insecta.—ESSIG, insects & mites of western N. America (revised edn. of insects of western N. America), 1200; KEEN, cone & seed ins. of Western forest trees, 2137.

Coleoptera.—*Brachyrhinus meridionalis* (Curc.), new to Washington, Coop. econ. Ins. Rep. 8: 1008; *Glyptina spuria* (Haltic.), *Anthonomus disjunctus* (Curc.), new to S. Carolina, Rep. S.C. agric. exp. Sta. 70: 41; ARNETT, *Oxacis* (Oedemer.), distribution types, 124; CARTWRIGHT, *Aphotaenius carolinus* (Aphod.), new early record, Ohio, Proc. ent. Soc. Wash. 60: 134; CHAMBERLIN, Scolytoidea, of Northwest, keys, 686; COBOS, *Anthaxia* subgenn. *A.*, *Haplanthaxia* (Bupr.), revision, 790; GREEN, *Pyractomena* (Lampyr.), revision, key, distribution, 1525; HALFFTER, *Boreocanthon*, *Melanocanthon* (Copr.), keys, 1606; HICKS, *Brachyrhinus raucus* (Curc.), presence in Ontario confirmed, Rep. ent. Soc. Ont. 88 (1957): 58; HOWDEN, *Acoma* spp. with 3-segmented antennal club (Pleocom.), S.W. United States & Lower Calif., key, 1860; KEEN, *Ernobius* (Anob.),

Conophthorus (Scolyt.), keys to cone & seed spp. of Western forest trees, 2137; KREKELER, cave *Pseudanophthalmus* (Carab.), Indiana, Kentucky, distribution, 2256; LEECH, *Agabus semivittatus* (Dytisc.), recurrence in California, 2395; *Dinoderus* (*D.*) *brevis* (Bostrych.), new to California, 2396; MOORE, *Hesperus* (Staph.), 2831; PAPP, *Epilachna vigintioctopunctata* (Coccinell.), new to U.S.A., 3081; *Hymenorus* (Cistel.), list, 3082; PARK, *Batrissodes*, *Decarthron* (Pselaph.), keys, 3097; SANDERSON, *Phyllophaga* (Melol.), Arizona, key to subgenn. & spp. groups; *luginbilli*, new to fauna; *setifera*, new to U.S.A., 3516; *Stenus advenus* complex (Staph.), 3517; SCHUDER, *Pantomorus godmani* (Curc.), new to Indiana, 3617; SCHUSTER & MARSH, *Megarafonus* (Pselaph.), 3625; VAURIE, *Diplotaxis* (Melol.), revision, I, 4222; WERNER, *Tomoderus* (Anthic.), revision, key, 4376; WOOD, *Platypus disciporus*, *pini*, new to fauna, 4450.

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Ecitoglossa gen. n. (? Myrmedoniini) p. 234, *foveicollis* (type) p. 235, *canaliculata* p. 236, *quadriceps* p. 238 spp. n. Costa Rica figs., BORGMEIER t.c.

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Eopaederus subgen. n. (type *caligatus* Er.) see *Paederus*.

Eppelsheimius persicus sp. n. Persia p. 14; *pirazzolii* p. 16, *miricollis* p. 17 distinguishing characters, SCHEERPELTZ Koleopt. Rundschau 35.

Euaesthetini key to Europ. & Medit. genn. p. 78, COIFFAIT Rev. franç. Ent. 25.

Eulissus (?) *strinatii* sp. n. Fr. Congo p. 826 figs., SCHEERPELTZ Rev. suisse Zool. 65.

Eupolemon costatus, *hospes* see *Anommatoophilus*; *parvus*, *simplicicollis* see *Micropolemon*.

Gabronthus key to European spp. p. 172, SMETANA Ent. Bl. 54.

Geodromicus plagiatus group (Europe) (key p. 217) pp. 216-225; *nigrita* Müll. a distinct sp. not var. nor ab. of p. pp. 218, 220; *pedemontanus* Ital. Alps p. 221, *corsicus* p. 223 spp. n. figs., FAGEL Bull. Ann. Soc. R. Ent. Belg. 94.—*G. nigritus* Müll. a good sp. (place in key p. 53) p. 52 figs., LOHSE Ent. Bl. 54.

Gyrophypnus punctulatus Payk., *fracticornis* Müll. (compared p. 121) nomenclature discussed p. 122 figs., LOHSE t.c.

Harpopaederus subgen. n. (type *schönherri* Czwal.) see *Paederus*.

Hesperus of N. America (key p. 316) pp. 311-318; *arizonicus* Arizona p. 312, *stehri* Ohio p. 313 spp. n. figs., MOORE Trans. S. Diego nat. Hist. Soc. 12.—*H. tokyanus* sp. n. Japan p. 9, DVORAK Bull. Soc. ent. Mulh. 1957.

Heteropaederus subgen. n. (type *fuscipes* Curt.) see *Paederus*.

Hypocyptus carinthiacus sp. n. Austria p. 54, SCHEERPELTZ Mitt. münch. ent. Ges. 48.

Jarrigeus gen. n. (key p. 50) for *Dolicaon devroeyi* Bernh. (= *D. uniformis* Cam. p. 63) (type), *burgeoni* B. p. 49; *minutus* p. 53, *bicolor* p. 54 *brunneus* p. 59 Belg. Congo, *simulans* (also Senegal) p. 55, *laticeps* (also Kenya (p. 460), Fr. Congo) p. 63 Gaboon, *rhodesianus* N. Rhodesia

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Labidoculex validus sp. n. Bolivia p. 230 figs., BORGMEIER Stud. ent., Petrôp. (N.S.) 1.

Labidopullus gen. n. (? Aleocharinae) p. 240, *appediculatus* sp. n. Colombia p. 241 figs., BORGMEIER t.c.

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Leptochirus (L.) *flohri* p. 45, (L.) *kaestneri* Mexico, (L.) *bürgeri* Colombia, (*Tropiochirus*) *venezuelanus*, (*Mesochirus*) *eximius* p. 46, (L.) *consentaneus* p. 45 Peru spp. n., WENDELER Mitt. dtsh. ent. Ges. 16 1957.

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Lobopaederus (also given as *Lobopaederum*) gen. n. for *Paederus meridionalis* Fauv. p. 469, SCHEERPELTZ Mem. Mus. Stor. nat. Venez. trident. 11 1956–1957.

Lydorus grossii Patr. from *Aenictotyphlus* p. 104 fig., KISTNER Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 68.

Madecapaederus gen. n. for *Paederus metallicus* Fauv. (type) & other spp. (list p. 457) p. 103, FAGEL Explor. Parc nat. Upemba, Miss. de Witte fasc. 51.

Mayetia rasensis p. 103, *ausaensis* p. 104, *molloensis* p. 105 Spain, *erratica* p. 106, *argensis*, *henryi* p. 107, *collensis* p. 108, *bossongi* p. 109, *ossulata*, *martelensis* p. 110 France spp. n. figs., COIFFAIT Notes biospéol. 12.

Medon (M.) *lindbergi* sp. n. Turkey p. 9 figs., SCHEERPELTZ Ent. Tidskr. Suppl. 78.

Megalopaederus gen. n. for *Paederus poweri* Sharp (type), *lewisi* Cam. p. 470; *wadai* sp. n. Japan p. 472,

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Megaloxenus goliath see *Mimocete torpilla*.

Meotica strandi sp. n. Norway p. 207, position in key p. 211 figs., SCHEERPELTZ Norsk ent. Tidsskr. 10.

Metoponcus maxinus larva pp. 195, 199 figs., INOUE & NOBUCHI Spec. Rep. Hokkaido For. Exp. Sta. no. 8 1957.

Micralymma (key p. 138) *marinum*, *b. brevilingue* p. 140, *b. dicksoni* p. 142 further description figs., STEEL Ent. mon. Mag. 94.

Micropeplus (*Arrhenopeplus*) *thracicus* Greece p. 410, (*A.*) *turcicus* Turkey (Asia) p. 412, (*A.*) *denticollis* Yugoslavia p. 413 spp. n. figs., COIFFAIT Rev. franç. Ent. 24.

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Micropolemon key; *pusillus* Wasm. from *Nannostenus* p. 155; *parvus* Cam. p. 158, ? *simplicicollis* C. p. 159 from *Eupolemon* figs., KISTNER Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 68.

Mimacamatus longiceps sp. n. Costa Rica p. 244 figs., BORGMEIER Stud. ent., Petrôp. (N.S.) 1.

Mimocete key p. 130; *carinata* Kenya, Uganda, *liberiensis* Liberia, Nigeria p. 132, *reichenspergeri* Tanganyika spp. n.; *minor* Cam. (raised to sp. not subsp. of *balaena*) from *Doryloxenus* p. 134; *torpilla* Fauv. (= *Megaloxenus goliath* Wasm.) p. 138 figs., KISTNER t.c.—*M. solea*, *phocaena* see *Doryloxenus*.

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Odontoxenus gen. n. (key p. 107) for
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W., *longesetosus* Cam., *proximus* C.,
brevicornis C., *phoca* Fauv., *termito-
philus* W. (type), *triarticulatus* Kemn.,
ceylonicus W., *eutermitis* W., *pera-
denyiae* W., *splendidus* W. p. 104 figs.,
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sp. not subsp. of *laeviusculus* p. 25) ♂
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Oxypoda Mannerh., 1831 and type
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—*O. (Demosoma) carnorum* sp. n.
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Oxypodates Muls. & Rey, 1874
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Oxypodides Thomson, 1859 placed
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Int. Comm. zool. Nom. 1957.

Pachypaederus gen. n. (key p. 71)
for *Paederus crassus* Boh. (= *Paed.
compactus* Wend. p. 75) (type),
delagoanus (also given as *delegoanus*)
Bernh., *obscuricollis* Bernh., *newtoni*
Last, *rhodesianus* Bernh., *natalensis*
Last, *puncticollis* Bernh., *villiersi* Cam.
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Paederi key to genn. of Ethiopian
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Paederus F. (= *Neopaederus* Blackw. p. 157) keys to spp. groups pp. 158, 173, 179, 188, 214; *kundelungensis* p. 163, *janssensi* p. 166, *madudanus* p. 204, *kaszabi* p. 233, *caprai* (also Cape Prov., Transvaal, p. 254, *overlaeti* (also Uganda) p. 262, *straelenianus* p. 286, *balfour-browni* (also Fr. Cameroons) p. 303, *tenuis* p. 305, *malaisei* (also Urundi, Fr. Cameroons) p. 314, *brevicollis* p. 337, *nyamukubiensis* p. 375, *kabarensis* p. 377, *orophilus* p. 379, *ulindiensis* p. 385, *laticeps* p. 388, *incertus* p. 390, *mwengensis* (also Tanganyika) p. 392, *inexpectatus* p. 394, *fulgidipennis* p. 398, *magnus* p. 400, *blukwensis* p. 402 Belg. Congo, *alutaceus* Zanzibar, Belg. Congo p. 167, *violaceipennis* p. 181, *scottianus* p. 184, *reticuliventris* p. 223, *freudei* p. 253, *gridellii* p. 289, *raffrayi* p. 295, *bicoloriceps* p. 328 Abyssinia, *yaoundensis* p. 191, *freyi* p. 203 Fr. Cameroons, *mateui* Sp. Guinea, Fr. Cameroons p. 193, *praeses* Fr. Congo p. 198, *jarrigeanus* p. 199, *gabonicus* p. 200 Gaboon, *colasi* N. Rhodesia p. 237, *sachtlebeni* Senegal p. 247, *scheerpeltzi* S. Rhodesia p. 276, *delkeskampii* p. 290, *kilimandjarensis* p. 343, *uganensis* p. 367, *frontalis* p. 415, *confusus* p. 433 Tanganyika, *wenzeli* Mozambique, Cape Prov. p. 294, *chopardi* Ubangi-Shari p. 317, *lasti* p. 292, *ugandensis* (also Belg. Congo) p. 396 Uganda, *meruensis* Kenya p. 362, *kochi* Transvaal p. 369, *eidmanni* Fernando Po p. 370, *graueri* E. Africa, Belg. Congo p. 383, *bohemani* p. 275 spp. n.; *capitalis* subsp. n. *capicola* p. 251 Cape Prov.; *eximius* subsp. n. *brittoni* Aden p. 210; *fuscipes* subsp. n. *lindbergi* Cape Verde Is. p. 313; *melanogaster* subsp. n. *alluaudi*, *jeanneli* Kenya p. 421; *duplex* subsp. n. *rothschildi* Abyssinia p. 353; *spectabilis*

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Parabessobia subgen. n. (type *serri-cauda* Eppelsh.) see *Atheta*.

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Parocysa key to known spp. p. 102; *tirolensis* p. 103, *franzi* p. 109, *strupiana* p. 110 spp. n. Austria, SCHEERPELTZ NachrBl. bayer. Ent. 7.

Philonthus key to Centr. European spp. pp. 144-173 figs., SMETANA Ent. Bl. 54.—*P. politus* larva pp. 202-206 figs., SMETANA Norsk ent. Tidsskr. 10.—*P. aokii* p. 135, *ohizumi* p. 136, *azabuensis* p. 137, *chūjōi*, *yokohamus* p. 138, *numata* p. 139, *havelkai* p. 140 spp. n. Japan figs., DVOŘÁK Mushi 32.—*P.* spp. of Germany (key to *coche-latus* group) p. 55 figs., LOHSE Ent. Bl.

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Philydrodes watanabei sp. n. Japan p. 9, DVOŘÁK Bull. Soc. ent. Mulh. 1957.

Phleonomus punctipennis Thoms. a distinct sp. not syn. of *pusillus* p. 229, COMON Bull. Soc. Sci. hist. nat. Yonne 96.

Phloeocharis (*Scotodytes* de Saulcy not a valid subgen. p. 253) key to eyeless spp. pp. 254–257 figs., COIFFAIT Pirineos 12 1956.

Pinobius key to spp. of Ethiopian & Malagasy regs. p. 40; *crassus* N. Rhodesia p. 41, *latus* Gaboon, Senegal p. 42, *insolitus* Madagascar, Yemen p. 45, *africanus* Belg. Congo, Kenya p. 47, *ruandanus* Ruanda p. 459 spp. n.; *castaneus* Epp. (= *Dolicaon indicus* Fauv. part. nec Kraatz) p. 45 figs., FAGEL Explor. Parc nat. Upemba, Miss. de Witte fasc. 51.

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Priochirus (*Plastus*) *monstruosus* Ponape I., (*Syncampsochirus*) *delkeskampii*, (S.) *dentellicornis* p. 25, (P.) *kaestneri*, (P.) *mayri* New Guinea, (s. str.) *schuberti* Lombok I. spp. n.; (P.) *ebeninus* Et. (= *subconvexus* Bernh.) p. 26, WENDELER Mitt. dtsh. ent. Ges. 16 1957.

Pygostenus wenzeli sp. n. Fr. Equat. Africa p. 96 figs., KISTNER Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 68.—*P. splendidus*, *methneri*, *kraatzii*, *longicornis*, *kapangae*, *pallipennis*, *navicularis*, *bicolor*, *eppelsheimi*, *alternans* (affinis), *horni*, *metallicus*, *nigerrimus*, *discahis*, *pubescens*, *ruficollis*, *crenatus*, *carinellus*, *wasmanni*, *guineensis*, *epipleuralis*, *setifer*, *dorylinus*, *setulosus*, *kohli*, *reichenspergeri*, *daressalamensis*, *punctatus*, *pumilio*, *raffrayi*, *capensis*, *natalensis*, *minutus*, *marshalli*, *infimus*, *termitophilus*, *rufus* see *Typhlopemys*; *burgeoni*, *spectabilis* see *T. s.*

Quedius umbrinus Erichs. (= *maritimus* Sahlb.) p. 59; *pseudoumbrinus* n. n. for *umbrinus* auct. nec Erichs.

p. 60 figs., LOHSE Ent. Bl. 54.—*Q.* (*Cyrtosquedius* key to Neotropical spp. pp. 172–179) *jacobi* Paraguay p. 179, *bolivianus* Bolivia p. 181 spp. n. SCHEERPELTZ Dusenja 6 1955.—*Q.* (*Raphirus*) *luteomaculatus* sp. n. Armenia p. 23, SCHEERPELTZ Ent. Tidskr. Suppl. 78.

Scopaeus bilaminulatus sp. n. Armenia p. 13 figs., SCHEERPELTZ t.c.—*S.* (*Polyodontus*) *littoralis* sp. n. France p. 276 figs., OCHS Bull. mens. Soc. linn. Lyon 27.

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Acanthicomus leleupi (Jnnl.) first mention p. 12 fig., JEANNEL & LELEUP Notes biospéol. fasc. 7 1952.

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Basitrodes gen. n. (key) for *Batriscus vestitus* Sharp (type), *oscillator* S., *palpalis* S., *punctipennis* S., *acuminatus* S., *vulgaris* Raffr. p. 26; *laticollis* p. 29, *longulus* p. 30, *cristatus* p. 32 spp. n. Japan figs., JEANNEL Mém. Mus. Hist. nat., Paris (A) 18.

Batriscenaulax gen. n. for *Batriscus modestus* Sharp (type), *Batriscenus puncticollis* S., *furuhatui* Kub.; *longipes* sp. n. Japan p. 57 figs., JEANNEL t.c.

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Pseudobatriscenus gen. n. for *Batriscenus dilatatus* Raffr. p. 66 figs., JEANNEL Mém. Mus. Hist. nat., Paris (A) 18.

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Buprestids taken by Barbier in Cochinchina, DESCARPENTRIES Rev. franç. Ent. 25: 57–71, 10 figs.

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Triozocera Pierce systematic position discussed (place in key p. 381) p. 380; *macroscyti* sp. n. Japan p. 373 figs., ESAKI & MIYAMOTO Proc. 10th int. Congr. Ent. Montreal 1956 1.—*T. paulistana* sp. n. Brazil p. 422 figs., KOGAN Stud. ent., Petróp. (N.S.) 1.

Lamellicornia.

Scarabaeidae of Portug. Guinea, BRIVIO Atti Soc. ital. Sci. nat. 97: 115–118.

Keys to Lamellicornia of Hungary, ENDRÖDI 1956 Fauna hung. 9 (4): 1–188, 107 figs.

Scarabaeidae from N. Sicily (list), MACKAUER Mem. Soc. ent. ital. 37: 46–54, 2 figs.

Scarabaeidae of Persia collected by W. Richter in 1954 & 1956, PETROVITZ Stuttgart. Beitr. Naturk. Nr. 8: 1–12, 9 figs.

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Catalogue of Passalidae, HINCKS & DIBB Coleopt. Catal. (Suppl.) pars 142 32 pp.

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Systemocerus cribratus, *caraboides* of Poland (*caucasicus* compared p. 125) pp. 111–129 figs., PAWŁOWSKI Fragm. faun., Warsaw 8.

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S. African Coprinae, FERREIRA S. Afr. Anim. Life Vol. V: 479–516, 68 figs.

Oniticellini of S. Africa (key to genn. p. 83), FERREIRA 1955 Bol. Soc. Estud. Moçambique [25] no. 91: 81–123, 5 figs., 1 fldg. map.

Some Scarabaeidae from the Kalahari Desert, FERREIRA 1957 Bol. Soc. Estud. Moçambique [27] no. 103: 185–189.

Catalogue of Scarabaeids of Dr. Álvaro de Castro Museum, FERREIRA Mem. Mus. de Castro no. 4: 25–40.

Allogymnopleurus (*Gymnopleurus*, *Garreta* distinguishing characters p.10)

of S. Africa key p. 16 figs., FERREIRA Arq. Mus. Bocage 27 1956.—*A. sericeicollis* sp. n. Fr. Guinea p. 914, FREY Ent. Arb. 9.

Boreocanthon gen. n. (key p. 209) for *Canthon ebenus* Say (type), *simplex* Lec., *melanus* Rbnsn., *lecontei* Har., *probus* Germ., *puncticollis* Lec. (with var. *integricollis* Schaeff.), *praticola* Lec., *depressipennis* Lec. p. 208 figs., HALFFTER Ciencia, Méx. 17.

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Canthon ebenus, *simplex*, *melanus*, *lecontei*, *probus*, *puncticollis*, *punct.* var. *integricollis*, *praticola*, *depressipennis* see *Boreocanthon*; *bispinatus*, *punctaticollis*, *nigricornis*, *granulifer* see *Melanocanthon*.

Chironitis pamphilus larva p. 911 figs., MEDVEDEV, S.I. & G.S. Ent. Obozr. 37.

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Melanocanthon gen. n. (key p. 211) for *Canthon bispinatus* Rbnsn. (type), *punctaticollis* Schaeff., *nigricornis* Say, *granulifer* Schmidt p. 210 figs., HALFFTER Ciencia, Méx. 17.

Microcopris subgen. n. (type *reflexus* F.) see *Copris*.

Oniticellus of S. Africa key p. 87 figs., FERREIRA Bol. Soc. Estud. Moçambique [25] 1955 no. 91.

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S. American Attelabidae, Voss 1957 Rev. chil. Ent. 5: 95-106.

Abaris gen. n. (Madarini), *fortidens* sp. n. Fukien p. 87, Voss Decheniana Beih. Nr. 5.

Acalles (A.) of France key p. 1374; (A.) *solarii* Fiori confirmed as a good sp. not f. of *aubei* p. 1380; (A.) *portusveneris* Mayet confirmed as a good sp. not var. of *henoni* nor f. of *luigionii* p. 1383; (A.) *parvulus* Boh. has priority over *turbatus* B. p. 1389; (*Acallocrates*) *denticollis* subsp. n. *discors* France p. 1374 figs., HOFFMANN Fn. de France 62.

Acatulus bechynei sp. n. Fr. Guinea p. 719 figs., MARSHALL Ent. Arb. 9.

Aceleuthetes subgen. n. (type *trigidianus* sp. n.) see *Lophothetes*.

Acherdus gen. n. (nr. *Ischnomias*) p. 707, *pictus* sp. n. Cameroons p. 708 fig., MARSHALL Ent. Arb. 9.

Acicnemis cordata f. *fukienensis* Fukien p. 49, Voss Decheniana Beih. Nr. 5.

Acryptorhynchus uncatus sp. n. Angola p. 146 figs., MARSHALL Publ. cult. Comp. Diam. Angola no. 38.

Acythopeus inflatirostris p. 82, *proximus*, *furcaticornis* p. 83, *patruelis* p. 84, *basimaculatus*, *kwangtsehsensis* p. 85, *fasciatus* p. 86 spp. n. Fukien, Voss Decheniana Beih. Nr. 5.

Agalmatus gen. n. (nr. *Tripestes*) (key to spp.) p. 751; *geniculatus* Hust. from *Peridinetus* (in key); *panamensis* (type) Panama p. 752, *brasiliensis* Brazil p. 754, *nigritarsis* Ecuador p. 756 spp. n. figs., KUSCHEL Ent. Arb. 9.

Agasterocerus tschungseni sp. n. Fukien p. 54, Voss Decheniana Beih. Nr. 5.

Agomadaranus subgen. n. (type *pardalis* Voll.) see *Paropladerus*.

Alaocephala delarouzei subsp. n. *coiffaiti* France p. 1749, HOFFMANN Fn. de France 62.

Alcides trifidus see *Mesalcidodes*.

Alcidodes fulvocinctus sp. n. Cameroons p. 715 fig., MARSHALL Ent. Arb. 9.

Alexiola & related genn. key p. 725; key to subgenn. pp. 727, 738; (*Proteromera* p. 727, *Ectomochila* p. 728, *Zaisania* p. 730 subgenn. n.); (*E.*) *improcera* Siberia p. 728, (*Z.* key to spp. p. 730) *romadinae* p. 732, (*Z.*) *uncipes* Kirghizia, (*Z.*) *hirtipes* Kazakhstan p. 733, (*Z.*) *uzbeca* Gissar Mts., (*A.* key to spp. p. 734) *zaisanica* Lake Zaisan p. 735, (*A.*) *kiritshenkoi* p. 736, (*A.*) *squamipes* p. 738 Mongolia spp. n.; (*A.*) *hamiana* subsp. n. *rectirostris* Nan-Shan p. 736 figs., ZASLAVSKI Ent. Obozr. 37.

Almetus grobleri sp. n. Transvaal p. 749 fig., MARSHALL Ann. Mag. nat. Hist. (12) 10.

Amphitmetus vigil Belg. Congo p. 709, *ornatus* Cameroons p. 710 spp. n. figs., MARSHALL Ent. Arb. 9.

Anius salebrosus sp. n. Fukien p. 129, Voss Decheniana Beih. Nr. 5.

Anthonomus funereus-albolineatus groups key p. 366; f. further description; *veracruzensis* Mexico p. 368, *para-funereus* Venezuela p. 367 spp. n., SLEEPER Ohio J. Sci. 58.—*A. sinicus* sp. n. Fukien p. 110, Voss Decheniana Beih. Nr. 5.

Antinia variegata sp. n. Fukien p. 30, Voss t.c.

Anypotactus filicornis see *Steirarinus cupreotinctus*.

Aosseterus mucronatus subsp. n. *hebes* Angola p. 123 fig., MARSHALL Publ. cult. Comp. Diam. Angola no. 38.

Apion of France key to subgenn. pp. 1469-1473, keys to spp. pp. 1474 etc.; *aciculare* Germ., *velatum* Gerst. from subgen. *Phrissotrichium* to *Perapion* (in note) p. 1482; (*Phriss.*) *perrisi* var. n. *pyritosus* p. 1486; (*Per.*) *chevrolati* var. n. *cyanescens* p. 1493; (*Malvapion* subgen. n. p. 1503) *malvae* varr. n. *fallax*, *femoratus* p. 1504; (*Lepidapion*) *pseudogallacianum* var. n. *temperei* p. 1544; (*Exapion*) *ulicis* var. n. *flavipes* p. 1550; (*E.*) *uliciperda* var. n. *bicolor* (also Spain) p. 1552; (*E.*) *lemovicinum* varr. n. *agnus*, *pyrenaicus* p. 1553; (*E.*) *formaneki* subsp. n. *comoni* p.

1556; (*E.*) *subparallelum* var. n. *duprezi* p. 1558; (*E.*) *genistae* varr. n. *armoricanus*, *albicans*, *intermedius* p. 1560; (*Pirapion*) *striatum* var. n. *duprezi* p. 1596; (*Pir.*) *immune* var. n. *simplex* p. 1599; (*Protapion*) *trifolii* var. n. *complexus* p. 1613; *t. intersectum* var. n. *pseudohipponense* (also Iberian penins., Algeria) p. 1614; (*Prot.*) *varipes* var. n. *rogeri* p. 1615; (*A.*) *pisi* var. n. *obsoletus* p. 1628; (*A.*) *punctigerum* varr. n. *viridescens*, *atroviolaceus* p. 1629; (*A.*) *astragali* var. n. *bicolor* p. 1635; (*Eutrichapion*) *viciae* var. n. *jousi* p. 1653; (*Eutr.*) *reflexum* var. n. *subnigrum* p. 1656; (*Eutr.*) *aeneomicans* var. n. *tibialis* p. 1663 France; (*Eutr.*) *columbinum* var. n. *azurescens* Hungary, Rumania p. 1644; *wagneri* var. n. *runsi* Morocco p. 1661; (*Eutr.*) *virens* varr. n. *irenae*, *cuprifulgens* Syria p. 1665; *chalybeipenne* Woll., *foveatoscutellatum* Wagn. varr. of *radiolus* p. 1522; *alfieri* Pic a r. of *cretaceum* p. 1541; *squamigerum* var. *squamidorsum* Desbr. (= *nimbatum* Norm.); *bletoni* Hust. a r. of *argentatum* (in note) p. 1542; *crassiusculum* Desbr. a subsp. of *difficile* p. 1555; *normandi* D. a r. of *candidum* p. 1564; *calabrium* Sol. a r. of *corsicum* (in note) p. 1580; *tunicense* D. a r. of *minutissimum* p. 1594; *mediterraneum* Wagn. a f. of *apricans* p. 1611; *antennale* D. a var. of *aethiops* not of *gracilicolle* (in note) p. 1631; *meditabundum* Fst. a r. of *melancholicum* p. 1651; *filicorne* Wenck. a subsp. of *curtisi* p. 1658; *plumbeomicans* Rosenh. a r. of *loti* p. 1674 figs., HOFFMANN Fn. de France 62.—*A.* (*Perapion*) *liebmanni* sp. n. Algeria p. 32; *flavipes burgodionum* n. n. for *f. delphinense* Schub. preocc. p. 33, SCHUBERT Koleopt. Rundschau 35.—*A. neofallax* n. n. for *fallax* Wollast. nec Bohem. p. 348, WARNER Proc. Hawaii. ent. Soc. 16.—*A. bombayanum* S. India p. 918, (*Eutrichapion*) *sesbaniae* p. 919, (*E.*) *phaseoli* p. 921 Brazil spp. n., Voss Ent. Arb. 9.—*A.* (*Eutrichapion*) *shaowuanum* p. 19, (*Taenapion*) *fukienense*, (*T.*) *borchmanni* p. 131, (*E.*) *rubroplagiatum* p. 132 spp. n. Fukien, Voss Decheniana Beih. Nr. 5.

Apoderus key to subgenn. & spp. from Fukien p. 16; (*Leptapoderus*) *thoracicus* sp. n. Fukien p. 17, Voss t.c.

Araxus luteus sp. n. Angola p. 127 figs., MARSHALL Publ. cult. Comp. Diam. Angola no. 38.

Arniticus hylobioides Boh. (= *parcus* Boh.) p. 777, KUSCHEL Ent. Arb. 9.

Artipus freyanus sp. n. Jamaica p. 795 figs., KUSCHEL t.c.

Asytesta lugubris subsp. n. *bidentatus* New Guinea p. 219, Voss Ann. hist.-nat. Mus. hung. (N.S.) 9.

Athesapeuta motschulskyi n. n. for *subsignatus* Motsch. nec Boh. p. 78; *sculpticollis* p. 79, *amoena* p. 80, *latefasciata* p. 81 spp. n. Fukien, Voss Decheniana Beih. Nr. 5.

Atrichonotus Buchan. (a good gen.) *taeniatulus* Berg. (= *Pantomorus pictipennis* Hust. p. 788), *obscurus* Hust. from P.; *marginatus* Hust. from *Floresianus* (*Floresianellus*) p. 786; *pacificus* sp. n. Chile p. 788 figs., KUSCHEL Ent. Arb. 9.

Auletes of France key p. 1730; *maculipennis* var. *lepigrei* n. n. for m. var. *humeralis* Hffm. nec Vit. p. 1732, HOFFMANN Fn. de France 62.

Auletini see *Rhynchitini*.

Auletobius kuscheli sp. n. Bolivia p. 98, Voss Rev. chil. Ent. 5 1957.

? *Bagoidellus sulcirostris* see *Bagoidus*.

Bagoidus gen. n. for ? *Bagoidellus sulcirostris* Kusch. p. 235, KUSCHEL Bol. Mus. nac. Hist. nat. Chile 26 1956.

Bagous vafer sp. n. Gaboon, Angola p. 128, MARSHALL Publ. cult. Comp. Diam. Angola no. 38.

Balanobius macellus p. 88, *concinus*, *crux minor* p. 89 spp. n. Fukien, Voss Decheniana Beih. Nr. 5.

Barretonus gen. n. (Cossonitae) p. 209, *desertae* sp. n. Madeira p. 210 fig., ROUDIER Rev. franç. Ent. 25.

Barynotus alternans Boh. a r. of *moerens* p. 1741, HOFFMANN Fn. de France 62.

Blaborhinus see *Cylindrothecus*.

Blosyrus spp. of Ethiopia & Madagascar (key pp. 1043–1062) pp. 936–1067; *lotus*, *pictus* (with subsp. n. *nubifer* p. 951, *variabilis* p. 952) p. 948, *estriatus* p. 1012, *priscus* p. 1013, *severus* p. 1014, *mirandus* p. 1016,

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Bothynoderes (s. str.) systematic catalogue of spp. p. 121; distribution of spp. groups pp. 107–118, LUK'YANOVICH Ent. Obozr. 37.—*B.* (s. str.) key to spp. pp. 125–131 figs., TERMINASYAN Ent. Obozr. 37.

Brachycerus interpositus Hartm. a subsp. not syn. of *natalensis*; *fossulatus* p. 221, *malaisei* p. 224 Cape Province, *oniscus* Tanganyika, *lituratus* Transvaal p. 222, *vermiculatus* p. 223, *kaszabi* p. 226 S. W. Africa, *herteli* Mozambique p. 225 spp. n. fig., HAAF Ent. Arb. 9.

Brachytemnus filum see *Phloeophagus*.

Calandra distortus see *Paramasius*.

Calomycterus brevicollis sp. n. Karakorum, Kashmir p. 38, Voss Atti Mus. Stor. nat. Trieste 21 1957.

Camarotus serrator sp. n. Brazil p. 931, Voss Ent. Arb. 9.

Camptorhinus pentagon, *lyratus* spp. n. Angola p. 145, MARSHALL Publ. cult. Comp. Diam. Angola no. 38.

Cathormiocerus (*Schaumius*) *janeitscheki* sp. n. Spain p. 253, ROUDIER S. B. öst. Akad. Wiss. (I) 166 1957.

Caulotrupidus Voss raised to gen. not subgen. of *Caulotrupidus* p. 214, ROUDIER Rev. franç. Ent. 25.

Centrinoplesius gen. n. (nr. *Centrinopsis*), *exsculptus* sp. n. Fukien p. 77, Voss Decheniana Beih. Nr. 5.

Ceuthorrhynchus (C.) *shaowuensis*, (*Marklissus*?) *subcoeruleipennis* spp. n. Fukien p. 74, Voss t.c.—*C. gallo-rhe-nanus* Sol. a distinct sp. not subsp. of *assimilis* p. 1751, HOFFMANN Fn. de France 62.—*C. (C.) steineri* sp. n. Spain p. 259, ROUDIER S. B. öst. Akad. Wiss. (I) 166 1957.

Chaerocephalus baborensis correction to Winkler's catalogue p. 15, BURLINI Boll. Soc. ent. ital. 88. [Cf. Z. R. 66 1929 No. 2888.]

Chalcodermus plaumanni sp. n. Brazil p. 774 figs., KUSCHEL Ent. Arb. 9.

Chlorodrosinus subgen. n. (type *zumpti* sp. n.) see *Polydrosus*.

Cledus gen. n. (nr. *Osphilia*), *spadix* sp. n. Angola p. 149 fig., MARSHALL Publ. cult. Comp. Diam. Angola no. 38.

Cleonus goutenoi sp. n. France p. 1745, HOFFMANN Fn. de France 62.

Cnemecampus limbalis sp. n. Angola p. 116 fig., MARSHALL Publ. cult. Comp. Diam. Angola no. 38.

Cosmopolites sordidus, *Temnoschoita nigroplagiata* early stages distinguishing characters p. 424 figs., WHALLEY Bull. ent. Res. 49.

Cratopechus freyi sp. n. Cameroons p. 714 fig., MARSHALL Ent. Arb. 9.

Cryptorhynchus pusio see *Pusus*.

Curculio paper electrophoresis as tool in systematics pp. 241–246 figs., BREZNER & ENNS J. Kansas ent. Soc. 31.—*C.* key to spp. from Fukien p. 90; *fukienensis* (with subsp. n. *eurypterus* p. 93) p. 92, *fratellum*, *interpositus* p. 93, *klapperichi* p. 94, *distinctissimus* p. 95, *shaowuensis* p. 96, *lobatibasis* p. 97 spp. n. Fukien, Voss Decheniana Beih. Nr. 5.

Cychnotenus caesius sp. n. Angola p. 118 fig., MARSHALL Publ. cult. Comp. Diam. Angola no. 38.

Cycnotrachelus (*Cycnotrachelodes*) *fukienensis* ♂ p. 18, Voss Decheniana Beih. Nr. 5.

Cylindrothecus Chev. (= *Blabrorhinus* Chev.) p. 759, KUSCHEL Ent. Arb. 9.

Cyllophorus politus sp. n. Fr. Guinea p. 718 fig., MARSHALL Ent. Arb. 9.

Cyphus gibber key to subspp. p. 792; *g. gibber* Pallas (= *chevrolati* Boh.); *pistor* Boh. p. 793, *luridus* Boh. p. 794 subspp. of *g.* figs., KUSCHEL Ent. Arb. 9.

Cyriaspis rufirostris subsp. n. *kirschi* Colombia p. 261 fig., KUSCHEL Rev. chil. Ent. 5 1957.—*C. chelidon* Kirsch (= *Ectinura brenthoides* Pasc.) (in note) p. 258 figs., MARSHALL in KUSCHEL t.c.

Demimaea key to Fukien spp. p. 111; *tschungseni* sp. n. Fukien p. 112 fig., Voss Decheniana Beih. Nr. 5.

Depasophilus tschungseni (with var. n. *pallidipes* p. 10) p. 9, *strigellus*, *minuroides* p. 10 spp. n. Fukien, Voss t.c.

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Derelomus costiger sp. n. Cape Province p. 741 fig., MARSHALL Ann. Mag. nat. Hist. (12) 10.

Deretiosus grisescens sp. n. Fukien p. 51, Voss Decheniana Beih. Nr. 5.

Diaphna milletiae sp. n. Pondoland, Transvaal p. 742 figs., MARSHALL Ann. Mag. nat. Hist. (12) 10.

Diaprepes maugéi Boh. (= *capsicalis* Mshl.) from *Exophthalmus* p. 783, KUSCHEL Ent. Arb. 9.

Dichotrachelus janetscheki sp. n. Spain p. 255 fig., ROUDIER S. B. öst. Akad. Wiss. (I) 166 1957.

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Donus crinitus 1st & last instar larvae compared p. 201 figs., BACCETTI Redia 43.—*D. elegans* Boh. (= *bonvouloiri* Cap.); *obscurus* subsp. n. *pourtoyi* France p. 1747, HOFFMANN Fn. de France 62.

Drepanoscelus regularis sp. n. Fukien p. 108, Voss Decheniana Beih. Nr. 5.

Echinocnemus mollis sp. n. Bechuanaland p. 713, MARSHALL Ent. Arb. 9.

Echinodera of France key p. 1399; *variegata* subsp. n. *schaeferi* France; *subglobata* Desbr. (*costata* Chevr.

not a syn.), *brisouti* Reitt., *ochsi* Sol. rr. of v. p. 1403 figs., HOFFMANN Fn. de France 62.

Ectinura brenthoides see *Cyriaspis chelidon*.

Ectomochila subgen. n. (type *improcera* sp. n.) see *Alexiola*.

Elaeidobius subvittatus Fst., *plagiatus* Fhs., *kamerunicus* Fst. from *Prosoestus* p. 143, MARSHALL Publ. cult. Comp. Diam. Angola no. 38.

Enaptorrhinus fallax sp. n. Fukien p. 133, Voss Decheniana Beih. Nr. 5.

Endaeus of Angola key; *vicinus* p. 132, *planoculis* p. 129, *nigritulus*, *intonsus* p. 130, *spretus*, *rudis* p. 131 spp. n. Angola, MARSHALL Publ. cult. Comp. Diam. Angola no. 38.

Episcirrus gen. n. for *Gasterocercus* (characters compared) *propugnator* Gylh. (type) & other spp. p. 760 figs., KUSCHEL Ent. Arb. 9.

Episomus tristiculus sp. n. (in key) Fukien p. 29, Voss Decheniana Beih. Nr. 5.

Epistrophus key pp. 299–303; *hoploporus* p. 304, *complanatus* p. 310, *descarpentrii* p. 311, *inquirens* p. 323, *insons* Ecuador, *herteli* p. 309, *aegorhinoides*, *cooptatus* p. 307, *nigroalbus* (also Venezuela) p. 313, *lateralis* p. 317 Colombia, *distentus* p. 306, *albicans* p. 312, *ornatus* p. 314 Venezuela, *atomarius* Costa Rica, *geometricus* Brazil p. 319, *latus* p. 320, *peruviensis* p. 322, *undimargo* p. 326, *cylindricus* p. 327, *geminus* p. 329, *adnexus* (also Bolivia) Peru, *litigiosus* p. 330, *boliviensis* p. 331 Bolivia spp. n. figs., KUSCHEL Rev. chil. Ent. 5 1957.

Eteophilus of France key to subgenn. p. 1438, keys to spp. p. 1439 etc.; (*Praeolamus*) *affinis* var. n. *fulvipilis* France p. 1449, HOFFMANN Fn. de France 62.

Eugasteroclisus subgen. n. (type *klapperichi* Voss) see *Gasteroclisus*.

Eugnamptus tucumanensis Argentina p. 100, *grandiceps* Brazil p. 101 spp. n.; *atratus*, *nigriceps* distinguishing characters p. 102, Voss Rev. chil. Ent. 5 1957.

Eumycterus gracilis sp. n. Fukien p. 78, Voss Decheniana Beih. Nr. 5.

Euscelus (Neoeuscelus) badius sp. n. Brazil p. 103; (*N.*) *b.*, (*N.*) *longimanus*, (*N.*) *lar*, (*N.*) *rubricollis* compared p. 104, Voss Rev. chil. Ent. 5 1957.

Exophthalmus maugéi see *Diaprepes*.

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Faustiella albisetis sp. n. Angola p. 150 fig., MARSHALL Publ. cult. Comp. Diam. Angola no. 38.

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Galloisia sinica sp. n. Fukien p. 48 fig., Voss Decheniana Beih. Nr. 5.

Gasterocercus onizo f. n. *nitidirostris* Fukien p. 55, Voss t.c.—*G.* characters compared to *Episcirrus* gen. n. p. 760 figs., KUSCHEL Ent. Arb. 9.—*G. propugnator* & other spp. see *Episcirrus*.

Gasteroclisus frater Fst. ♀ (= *pin-guirostris* Petri); *staudingeri* P. (= *frater* Fst. ♂) (note) p. 35; (*Eugasteroclisus* subgen. n.); (*G.*) *binodulus* var. n. *fukienensis* Fukien p. 36, Voss Decheniana Beih. Nr. 5.

Guimatus amoenus sp. n. New Guinea p. 219, Voss Ann. hist.-nat. Mus. hung. (N.S.) 9.

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Gymnetron of France key pp. 1277–1285; *vestitum* subsp. n. *schaeferi* p. 1306; *pascuorum* var. n. *testaceum*, *apicalis* p. 1291; *rostellum* var. n. *intermedium* p. 1292; *r. aper* var. n. *tibiale* p. 1293; *herbarum* var. n. *maritima* p. 1303 France, HOFFMANN Fn. de France 62.

Haplocorynus cirricollis sp. n. N. Rhodesia p. 144, MARSHALL Publ. cult. Comp. Diam. Angola no. 38.

Haptomerus angolanus sp. n. Angola p. 124 fig., MARSHALL t.c.—*H. confusus* sp. n. Cameroons p. 712 fig., MARSHALL Ent. Arb. 9.

Heilipodus trachypteroides sp. n. Brazil p. 776 figs., KUSCHEL Ent. Arb. 9.

Heilipus parvulus Boh. (= *montei* C. Lima) p. 777, KUSCHEL t.c.

Helodytes key p. 233; (*Dythelus*) *tuberculosis* p. 225, (*H.*) *nodulosus* p. 227, (*H.*) *hustachei* (also Argentina) p. 229, (*H.*) *scheerpeltzi* p. 231 Paraguay, (*D.*) *rivularis* p. 226, (*H.*) *procax* p. 228, (*H.*) *tenuirostris* p. 232 Brazil spp. n. figs., KUSCHEL Bol. Mus. nac. Hist. nat. Chile 26 1956.

Hemiphilicoptus subgen. n. (type *distans* sp. n.) see *Philicoptus*.

Hemiphytobius guedeli Hust. confirmed as var. of *sphaerion* p. 1749, HOFFMANN Fn. de France 62.

Hilipinus ascius Germ. (= *dahlbomi* Boh.); *mediator* Fst. (= *guatemalensis* Champ.); *querulus* Boh. (= *maculosus* Boh.); *spathulatus* Germ. (= *cymba* Boh.) p. 777; *testudo* F. (= *stigma* Boh.); *ziegleri* Boh. (= *granicosatus* Boh.) p. 778, KUSCHEL Ent. Arb. 9.

Hilipus dejeani see *Plethes unguiculatus*.

Himatum planum sp. n. Angola p. 151 fig., MARSHALL Publ. cult. Comp. Diam. Angola no. 38.

Homorosoma horridula sp. n. Fukien p. 67, Voss Decheniana Beih. Nr. 5.

Hydronomus berolinensis see *Lissorhoptrus simplex*.

Hylobius key to spp. of Fukien; *niitakensis* subsp. n. *fukienensis* p. 44; *kuatunensis* sp. n. p. 45 Fukien, Voss Decheniana Beih. Nr. 5.

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Eohippopsicon see *Eremon*; *flavovittatum* see *E. mycerinoides*.

Epepeotes pictus f. n. *albosignatipennis* Celebes p. 261, BREUNING Bull. Soc. ent. Fr. 62.

Eremon Thoms. (= *Eohippopsicon* Breun.); *mycerinoides* T. (= *Eoh. flavovittatum* B.) p. 21, BREUNING Bull. Inst. Sci. nat. Belg. 34 no. 22.

Eryssamena barwayensis Barway, India, *dohertyi* p. 34, *perakensis* Malaya, *cambodjensis* Cambodia p. 36, *subundulata* N. India p. 35 spp. n., BREUNING t.c.—*E. kuluensis* sp.n. Kashmir p. 177, BREUNING Ent. Arb. 9.

Eudesmus nicaraguensis sp. n. Nicaragua p. 35, BREUNING Bull. Soc. ent. Fr. 63.

Eudryoctenes africanus subsp. n. *orientalis* Tanganyika p. 1001, BREUNING Bull. Inst. franç. Afr. noire (A) 20.

Eumecocera Solsk. a valid gen. not syn. of *Stenostola*; *argyrosticta* Bates, *anomala* B., *trivittata* Breun., *unicolor* Kano from S. p. 64 figs., OHBAYASHI Ent. Rev. Jap. 9.

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Falsidactus kivuensis sp. n. Belg. Congo p. 309, BREUNING Rev. Zool. Bot. afr. 57.

Falsodoius see *Mimectatina*.

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Sesquityphus gen. n. for *Homotyphus lacunosus* Clark p. 706, BECHYNÉ Ent. Arb. 9.

Sphaeroderma hovae, *forticorne*, *mahatsinjense*, *subviolaceum*, *ambrense*, *tarsale*, *pulchrum*, *triste* see *Argosomus*; *acutangulum*, *mandarense*, *varipes* see *Bhamoina*; *freyi* see *Musaka*; *anthrax*, *scutellatum*, *vadoni* see *Paropsiderma*; *masonianum*, *nigrosignatum*, *guineense* see *Sesquiphaera*.

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Chanchamayia malena p. 579; *zana* p. 581, *megamorphia* p. 582 spp. n. Colombia (in key compared to some *Synbrotica* spp. p. 579), BECHYNÉ Ent. Arb. 9.

Chthoneis ocularia, *trapezicollis* spp. n. Brazil; *amazona* Weise from *Luperodes* (note) p. 141, BECHYNÉ Ark. Zool. (N.S.) 11.—*C. brasiliensis*, *flava*, *selecta* see *Zepherina*; *ocularis*, *trapezicollis* see *Sonyadora*; *apicalis*, *erythrura*, *cyaneomaculata*, *foveicollis*, *amazona* see *Pyesia*.

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(ff. n. in key); *nigritarsis* Baly (= *atritarsis* B.) p. 547; *dissimilis* Jac. (= *prasinomarginata* Baly) p. 548; *7-plagiata* Bowd. (= *viridolineata* Christ.); *luederwaldti* in err. as *luederwaldti* p. 552; *trifasciata* F. (= *fulvosignata* Baly) p. 554; *recki* Marq., *travassosi* M. good spp. not varr. of *clarki* p. 551; *guaratiba* Marq. a good sp. not var. of *extensa* p. 560; *semi-viridis* Bowd. a f. of *10-punctata* p. 555; *nigronotata* Baly a f. of *sharpi* p. 556; *15-punctata* Sahlb. a f. of *limitata* p. 557, BECHYNÉ t.c.—*D. 10-verrucata*, *chevrolati*, *volxemi*, *galera*, *paranacita*, *significata*, *maculatipennis*, *tricincta*, *biseriata*, *diametralis*, *metastigma*, *bistrigata*, *interruptolineata*, *seraphina*, *costalimai*, *teinturieri* see *Paranapiacaba*; *nigropunctata* see *Synbrotica*; *smithi* see *Amphelasma*; *guerreroensis* see *Gynandrobrotica*; *tarsata* see *G. 4-plagiata*; *mimula* see *G. equestris*; *amplicornis* see *Deutero-brotica*; *inconspicua* see *Neobrotica*; *melanoptera* see *Cacoscelis* (Haltic.); *annulata* see *Acalymma*; *cyanospila* see *Leptonesiotes*; *sexplagiata*, *nymphaea* see *Iceloceras*.

Ectmesopus key to spp. p. 96; *leonardorum* sp. n. Tortue I., Haiti p. 97 figs., BLAKE Proc. U.S. nat. Mus. 108.

Estcourtiana sexnotata sp. n. Belg. Congo p. 54 fig., BRYANT Explor. Parc nat. Upemba, Miss. de Witte fasc. 49.

Exora castanea, *fulvicollis* p. 47, *wittei* p. 49 spp. n. Belg. Congo figs., BRYANT t.c.—*E. Chevr.* (*Exosoma* characters compared p. 138) key to allied genn. p. 139; *decemstillata* sp. n. Brazil p. 140, BECHYNÉ Ark. Zool. (N.S.) 11.—*E. costaricensis* Costa Rica, *paraensis* spp. n. p. 588; *encaustica* ff. n. *belemea* Brazil, *guadeloupensis* Fr. Guiana, *chaparensis*, *densicollis* Bolivia, *satipoensis* Peru; *narensis* Har. a f. of *e.* p. 589, BECHYNÉ Ent. Arb. 9.—*E. detrita*, *basalis*, *buckleyi*, *brevicollis* see *Pyesia*; *bella*, *dubia*, *clermonti*, *guttata*, *similis*, *8-guttata*, *defensa*, *trinidadensis*, *maculata* see *Zepherina*; *4-pustulata*, *lucasia* see *Sonyadora*.

Exosoma Jac. a good gen. not syn. of *Exora*; *sansibarica* Har. from *Haltica* (note) p. 138, BECHYNÉ Ark. Zool. (N.S.) 11.

Galeruca revision (key to subgenn. p. 197, to spp. p. 196) pp. 195–208; (*G.*) *angelae* ((*G.*) *hunyadensis* compared (note)) Spain p. 199, (*Hapto-scelis*) *reitteri* Turkestan p. 202 spp. n. figs., HAVELKA Ann. hist.-nat. Mus. hung. (N.S.) 9.—*G. angulicollis* sp. n.; *barbara* var. n. *atlasica* (both in list) Morocco p. 108, KOCHER Trav. Inst. sci. chérifien (Sér. Zool.) no. 19.—*G. semiflava* see *Synbrotica*.

Galleruca flavofasciata see *Schema-tiza*.

Garaguata lorcha sp. n. Brazil p. 23, BECHYNÉ Bull. Soc. ent. Mulh. 1958.

Gynandrobrotica equestris F. (= *Diabrotica mimula* Har.) p. 136, BECHYNÉ Ark. Zool. (N.S.) 11.—*G. cearensis* Brazil p. 583, *arcania* (*equestris* compared) Ecuador p. 584, *huacapistana* (with f. n. *semiregularis* Bolivia p. 586) Peru, *strouhali* p. 582 spp. n.; *equestris* ff. n. *reductula* Costa Rica, *festai* Colombia, *damiana* Ecuador p. 585; *4-plagiata* Boh. (= *Diabrotica tarsata* Gah.) p. 583; *guerreroensis* Jac. from D. p. 584, BECHYNÉ Ent. Arb. 9.

Halinella kirschi Har., *spilothorax* Bech. from *Luperodes* p. 595, BECHYNÉ t.c.

Hemixantha nigrofemorata sp. n. Belg. Congo p. 53 fig., BRYANT Explor. Parc nat. Upemba, Miss. de Witte fasc. 49.

Iceloceras gen. n. (key to spp. p. 77) for *Diabrotica sexplagiata* Jac. (type), *nymphaea* J., *Neobrotica ruatanæ* J. p. 76; *maximum* Amazon p. 80, *flavipes* p. 81, *latiplagiatum* p. 83 Panama, *verbesinae* Costa Rica p. 82, *parviplagiatum* (with subsp. n. *teapense* Mexico p. 85) El Salvador p. 84, *vittatum* Nicaragua p. 86, *biplagiatum* Bolivia p. 87, *flavocyaneum* Mexico p. 89 spp. n. figs., BLAKE Proc. U.S. nat. Mus. 108.

Leptomona gen. n. for *Monolepta erythrocephala* Oliv. (type), *rossica* Gmel., *heydeni* Joann. (in note) p. 601, BECHYNÉ Ent. Arb. 9.

Leptonesiotes gen. n. for *Diabrotica cyanospila* Suffr. p. 75 fig., BLAKE Proc. U.S. nat. Mus. 108.

Lilophaea gen. n. for *Luperodes brasiliensis* Jac. (type), *emerita* Bech.,

semimarginata Bowd., *blumenensis* Bowd. p. 601; *arcia* Brazil p. 602, *piceola* Peru, *rozei* Venezuela p. 603 **spp. n.**, BECHYNÉ Ent. Arb. 9.

Luperodes kirschi, *spilothorax* see *Halinella*; *brasiliensis*, *emerita*, *semimarginata*, *blumenensis* see *Lilophaea*; *amazona* see *Chthoneis*.

Luperosoma key to spp. p. 90; *nigrum* **sp. n.** Colombia p. 91 figs., BLAKE Proc. U.S. nat. Mus. 108.

Luperus iguassuanus, *tippmanni* (note) **spp. n.** Brazil p. 142, BECHYNÉ Ark. Zool. (N.S.) 11.—*L. wittei* p. 45, *congoensis* p. 46 **spp. n.** Belg. Congo figs., BRYANT Explor. Parc nat. Upemba, Miss. de Witte fasc. 49.—*L. camilla*, *callangensis*, *acanthonychina*, *pallida*, *plumenensis*, *dichroa*, *virgilia*, *iguassuana*, *tippmanni*, *xanthopus* see *Zepherina*.

Megalognatha marginicollis **sp. n.** Belg. Congo p. 50 fig., BRYANT Explor. Parc nat. Upemba, Miss. de Witte fasc. 49.

Metacycla robusta, *obesa* see *Rácenisa*.

Metrobrotica **gen. n.** for *Cerotoma geometrica* Erichs. (type), *Neobrotica furcata* Oliv. p. 596, BECHYNÉ Ent. Arb. 9.

Monocesta reitteri **sp. n.** Brazil p. 539, BECHYNÉ t.c.—*M. circumcincta* see *Caraguata*.

Monolepta multistriata **sp. n.** Belg. Congo p. 61 fig., BRYANT Explor. Parc nat. Upemba, Miss. de Witte fasc. 49.—*M. erythrocephala*, *rusica*, *heydeni* see *Leptomona*.

Narichona weyrauchi **sp. n.** Peru p. 542, BECHYNÉ Ent. Arb. 9.

Neobrotica bowditchi **n. n.** for *inconspicua* Bowd. (from *Diabrotica*) nec Jac.; *achroma* Fr. Guiana p. 596, *hepatica* p. 597, *erythrinae* p. 598, *apocincta* Peru, *ludica* Bolivia p. 599, *lineigera*, *latifrons* Brazil p. 600 **spp. n.**, BECHYNÉ t.c.—*N. atlanta* see *Deuterobrotica*; *furcata* see *Metrobrotica*; *brasiliensis* see *Andrector*; *ruatanae* see *Iceloceras*.

Palpoxena wittei **sp. n.** Belg. Congo p. 62 fig., BRYANT Explor. Parc nat. Upemba, Miss. de Witte fasc. 49.

Paranapiacaba **gen. n.** for *Diabrotica 10-verrucata* Gah. (type), *chevolati* Har., *volxemi* Baly, *galera* Bech., *paranacita* Bech., *significata* Baly, *maculatipennis* Baly, *tricincta* Say, *biseriata* Gah., *diametralis* Bech., *metastigma* Bech., *bistrigata* Gah., *interruptolineata* Baly, *seraphina* Bech., *costalimai* Marq., *teinturierii* p. 562; *pereirai* **sp. n.** Brazil p. 564, BECHYNÉ Ent. Arb. 9.

Platymorpha albiventris **sp. n.** Peru p. 99 fig., BLAKE Proc. U.S. nat. Mus. 108.

Platyxantha lusingana **sp. n.** Belg. Congo p. 54 fig., BRYANT Explor. Parc nat. Upemba, Miss. de Witte fasc. 49.

Pyesia key to spp. resembling *Exora* p. 587; *detrita* F., *basalis* Bowd., *buckleyi* Bowd., *brevicollis* Bech. from E. p. 586; *apicalis* Jac., *erythrura* Bech., *cyaneomaculata* Bowd., *foveicollis* Bowd., *amazona* Wse. from *Chthoneis* (see also note) pp. 586, 587; *detrita* **subsp. n.** *meridionalis* Brazil; *elytropleurialis* **f. n.** *subalutacea* Colombia p. 588; *belarmina* Ecuador, *brevicollis* Fr. Guiana **spp. n.** p. 590, BECHYNÉ Ent. Arb. 9.

Rácenisa **gen. n.** for *Metacycla robusta* Jac., *obesa* Duv. p. 604; *boliviana* (with **f. n.** *marcapatensis* Peru), *bicolor* Bolivia, *venezuelensis* (type) Venezuela, *fluorescens* Peru **spp. n.** p. 605, BECHYNÉ t.c.

Romanita **gen. n.** (nr. *Neobrotica*), *amazonica* (type) p. 136, *ornata*, *vittata*, *maculipennis* (note) p. 137 **spp. n.** Brazil, BECHYNÉ Ark. Zool. (N.S.) 11.

Schematiza flavofasciata Klug from *Galleruca* p. 543, BECHYNÉ Ent. Arb. 9.

Sesselia nigrocincta **sp. n.** Belg. Congo p. 61 fig., BRYANT Explor. Parc nat. Upemba, Miss. de Witte fasc. 49.

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Svastra notes on N. and Centr. American spp. pp. 266–273; (*Epimelissodes*) corrections and additions to key [cf. Z.R. 93 1956 No. 1746] pp. 267, 269; (*E.*) *friesei* sp. n. Guatemala; (*E.*) *albocollaris* Ckll. (from *Melissodes* p. 267) ♀ p. 268; (*Brachymelissodes*) *cressonii* Dalla T. p. 267, (*E.*) *helianthelli* Ckll. p. 271, (*E.*) *nitida* LaB., (*E.*) *sila* LaB., (*E.*) *sabinensis* nubila LaB., (*B.*) *minima* LaB. & other spp. pp. 272–273 from M., LABERGE J. Kansas ent. Soc. 31.—*S. brevicornis* Cress. from *Melissodes* p. 253, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Tetraperdita see *Perdita* (P.).

Trianthidium subgen. n. (type *caturigense* Gir.) see *Rhodanthidium*.

Trichinosmia subgen. n. (type *latisulcata* Mich.) see *Osmia*.

Trichoturgus shajovskoyi p. 75, *colloncurensis* p. 77 spp. n. Argentina figs., OGLOBLIN Neotropica 3.

Xylocopa (*Neoxylocopa*) of E. Pacific oceanic islands pp. 249–255; (*N.*) *clarionensis* sp. n. Revillagigedo Is. p. 251 figs., HURD J. Kansas ent. Soc. 31.—*X. guatemalensis* Ckll. (= *peléni* Hurd & Moure) p. 372, HURD Ann. ent. Soc. Amer. 51.—*X. iris* larva p. 372 figs., GRANDI Boll. Ist. Ent. Univ. Bologna 22.—*X. amamensis* ♂ p. 75 figs., HIRASHIMA Mushi 32.

Zaperdita see *Perdita* (P.).

Zonalonia see *Gaesischia*.

Sphecoidea.

Keys to Hungarian Sphecoidea, BAJÁRI 1957 Fauna hung. 13 (9): 1–117, 54 figs.

SPHECIDAE, ETC.

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Larvae of digger wasps, pt. 4: Astatinae, Larrinae and Pemphredoninae, EVANS Trans. Amer. ent. Soc. 84: 109–139, 7 pls.

Crabroninae of Parc nat. Upemba, Belg. Congo, LECLERCQ Explor. Parc

nat. Upemba, Miss. de Witte fasc. 45: 1–114, 80 figs., 11 col. maps (2 fldg.).

Oxybelini of Hungary (key to *Oxybelus* spp. pp. 281–291), MÓCZÁR Ann. hist.-nat. Mus. hung. 9: 281–299, 27 figs.

Sphecidae collected in Bulgaria, 1956 (list), PUŁAWSKI Bull. ent. Pologne 27: 161–192, 25 figs.

Some sand wasps of Germany (new records), WOLF Mitt. dtsch. ent. Ges. 17: 13–17, 3 figs.

Ammophila classification, value of genitalia pp. 287–293 figs., DE BEAUMONT Rev. suisse Zool. 65.

Anacrabro ocellatus Pckd. (= *Thyreopus rugoso-punctatus* Prov.) p. 198, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Astata (*A.*) *pontica* sp. n. Bulgaria p. 171; (*Dryudella*) *picticornis* ♂ p. 174 figs., PUŁAWSKI Bull. ent. Pologne 27.—*A. (A.) brevitarsis* p. 193, (*A.*) *hungarica* p. 195 spp. n. Hungary, PUŁAWSKI t.c.

Belomicrus antennalis ♀ p. 298, MÓCZÁR Ann. hist.-nat. Mus. hung. 9.

Bembecinus hungaricus Friv. (= *japonicus* Sonan) p. 168, PUŁAWSKI Bull. ent. Pologne 27.

Bembex defecta see *Bicyrtes similima*.

Bembidula simillima see *Bicyrtes*.

Bembix flavescens Sm. a distinct sp. not subsp. of *turca*; *bolivari* Handl., *fonti* Merc., *citrina* M., *algeriensis* Lohrm., *picturata* Byt.-Salz subsp. of *flav.* not of *t.* p. 607; *t.* Dahlb. (= *melaena* Sm.) synonymy confirmed p. 609; *inimica* Fert. (a subsp. of *flav.*) first description p. 614; *flav.* subsp. n. *kittyae* N. Africa p. 615; *oculata* group pp. 620–622; *dissimilis* K. a r. of *freygessneri* p. 621 figs., DE BEAUMONT Rev. suisse Zool. 64 1957.

Bembyx of Egypt (key to ♂♂ pp. 3–5, to ♀♀ pp. 5–8) pp. 1–36; *alfierii* p. 10, *nilotica* p. 15, *pallascens* p. 17, *rufiventris* p. 19, *abragensis* p. 31 spp. n.; *freygessneri* var. n. *decipiens* p. 30 Egypt; *doriae* Magr. (= *arabica* Lohrm.) p. 23 figs., PRIESNER Bull. Soc. ent. Égypte 42.

Bicyrtes simillima Smith (= *quinquemaculata* Park., ?*pullata* P., *Bembex defecta* Brèthes) from *Bembidula* p. 53; *cingulata* Burm. (= *cisandina* Pate) p. 54, FRITZ Rev. Soc. ent. argent. 20.

Carlobembix gen. n. (nr. *Hemidula*) p. 47, *marthae* sp. n. Argentina p. 48 figs., WILLINK Acta zool. lilloana 16.

Cerceris of Greece and Cyprus (key to spp. p. 274) pp. 270–290; *dispar* further description p. 280; *amathusia* sp. n. p. 281; *specularis* subsp. n. *fergusoni* p. 286; *rufipes* subsp. n. *cypria* p. 288 Cyprus figs., DE BEAUMONT Mitt. schweiz. ent. Ges. 31.—*C. molesta* p. 129, *breddoi* p. 130, *verecunda* N. Rhodesia, *tenuiventris* S. Rhodesia p. 132 spp. n.; *egena* corrected fig. pp. 131, 132 figs., ARNOLD Occ. Pap. nat. Mus. S. Rhod. 3 no. 22B.

Crabro (*Ectemnius*?) *arrogans* sp. n. S. Rhodesia p. 136 figs., ARNOLD t.c.—*C. (Agnosicrabro) mongolicus* sp. n. Centr. Mongolia p. 195 figs., TSUNEKI Kontyû 26.—*C. monozonus* see *Ectemnius melanotarsis*; *himalayensis* see *E. trichiosomus*; *niger*, *servus* see *Crossocerus cinctipes*.

Crossocerus cinctipes Prov. (= *Crabro niger* P., *Crabro servus* Dalla T.); n., s. removed from syn. of *harringtonii* p. 198, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.—*C.* of Ethiopian reg. key pp. 7–15; (*Microcrabro*) *capitalis* p. 18, (*M.*) *lippensi* p. 19, (*M.*) *acephalus* p. 21, (*M.*) *fossuleus* p. 22, (*C.*) *segregatus* p. 23, (*Coelocrabro*) *parcorum* p. 25 spp. n.; (*M.*) *brunniventris* varr. n. *bifidus*, *wittei* p. 17 Belg. Congo; *ruandensis* Arn. (also given as *ruandense*) from *Rhopalum* pp. 4, 15 figs., LECLERCQ Explor. Parc nat. Upemba, Miss. de Witte fasc. 45.

Dasyproctus key pp. 37–61; phylogeny of spp. discussed pp. 27–36; *lambertoni* Madagascar p. 63, *localis* S.W. Africa, S. Rhodesia, *araboides* Fr. Sudan p. 67, *rebellus* Ruanda p. 70, *liberiae* Liberia p. 75, *kutui* p. 71, *benoitii* p. 74, *medicus* p. 89, *abax* p. 91 spp. n.; *bipunctatus* var. n. *tervureni* (in key p. 55) p. 82 Belg. Congo; *aurovestitus* ♂ (in key p. 49) p. 72; *scotti*, *quadricolor* further description p. 62; *immitis* Sauss. (=

braunsii Kohl p. 64, *sjöstedti* Cam. p. 65) Cape Prov. the type locality p. 66; *saussurei* K. (= *infrarugosus* Arn.) p. 75; *bip.* var. *bipunctatus* Lep. & Brullé (= *massaicus* Cam.) p. 79; *bip.* var. *kibonotensis* Cam. (= *pullatus* Arn., *p. uniguttatus* A.) p. 84; *bip.* var. *simillimus* Smith (= *bip. jucundus* A.) p. 85 figs., LECLERCQ t.c.

Diploplectron palaeartcticum sp. n. Egypt p. 473 figs., PUŁAWSKI Bull. Soc. ent. Égypte 42.

Ectemnius of Himalayas, S.E. Asia and Malayan Archipel. (key to subgen. p. 102) pp. 102–117; (*Policrabro* subgen. n. p. 106) key p. 107; (*Metacrabro*) key p. 113; (*Thyreocerus*) *dungensis* p. 105, (*P.*) *forestus* (also Sumatra, Malaya, Sarawak) p. 110 Java, (*P.*) *invalidus* Malaya p. 111, (*M.*) *plutonius* Celebes p. 116, (*M.*) *neptunus* Singapore, Borneo p. 117 spp. n. figs., LECLERCQ Bull. Ann. Soc. R. Ent. Belg. 94.—*E. (Cameronitus)* revision (key pp. 136–146) pp. 134–155; (*C.*) *pahangi*, (*C.*) *pendleburyi* p. 146, (*C.*) *erebus* p. 148, (*C.*) *boletus* (with var. n. *gedehensis* Java) Malaya, (*C.*) *bogorensis* (also Singapore) p. 151, (*C.*) *embelliae* p. 148, (*C.*) *orius* (with subspp. n. *cetonicus* Formosa p. 154, *bornicus* Sarawak p. 155) p. 153 Java, (*C.*) *ammanitus* Annam, Assam spp. n.; *palitans* Bingh. a subsp. of *nigritarsus* p. 152; (*C.*) *melanotarsis* Cam. (= *Crabro monozonus* C.); (*Cam.*) *trichiosomus* C. (= *Cr. himalayensis* C.) p. 150, LECLERCQ t.c.—*E. nitobei* ♀ p. 159 figs., TSUNEKI Annot. zool. jap. 31.—*E. (Nesocrabro) shimoyamai* sp. n. Japan p. 198 figs., TSUNEKI Kontyû 26.

Encopognathus (*E.*) *granulatus* ♂ p. 6, LECLERCQ Explor. Parc. nat. Upemba, Miss. de Witte fasc. 45.—*E. (E.) chapraensis* ♂ p. 99; (*E.*) *lumpuri* sp. n. Malaya p. 100 figs., LECLERCQ Bull. Ann. Soc. R. Ent. Belg. 94.

Entomognathus (*Koxinga*) *siraiyai* ♂ p. 101, LECLERCQ t.c.

Gorytes basatorum sp. n. Basutoland, Transvaal p. 133 figs., ARNOLD Occ. Pap. nat. Mus. S. Rhod. 3 no. 22B.—*G. (G.) deceptor* sp. n. W. Virginia etc. p. 62, KROMBEIN Proc. ent. Soc. Wash. 60.—*G. (G.) asperatus*

Fox (= (*G.*) *corrugis* Mckl.); (*G.*) *atricornis* Pack. (= (*G.*) *elegantulus* H. S. Smith); (*G.*) *simillimus* Smith (= (*G.*) *gyponacinus* Rohw.) p. 194, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.—*G.* (*Pseudoplisus*) *apicalis* Smith (= (*P.*) *propinquus* Cress.) a valid sp. not syn. of *phaleratus*; (*P.*) *divisus* S. (= (*P.*) *bipartitus* Handl.) p. 194, YARROW in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.—*G.* (*G.*) *rufocaudatus* see *Psammaecius tricolor*.

Harpactostigma (Arcesilas) laminiferum Fox (= *Psammaecius ruficornis* Maidl & Klima) p. 193, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Hemidula burmeisteri corrections to original description [cf. Z.R. 84 1947 No. 3009] (in note) p. 52; ♂ p. 53, WILLINK Acta zool. lilloana 16.

Larra fuliginosa see *Motes*.

Lestica (Solenius) of S.E. Asia and Malayan Archipel. key p. 79; (*S.*) *indonesica* Sumatra p. 82, (*S.*) *lieftinckii* (with var. n. *peraki* Malaya p. 85) Java p. 83, (*S.*) *primitiva* Bangka (Indonesia) p. 85 spp. n., LECLERCQ Bull. Ann. Soc. R. Ent. Belg. 94.

Lindenius californicus p. 161, *inyoensis* p. 163, *tylotis* p. 164 California, *neomexicanus* New Mexico p. 166 spp. n. figs., COURT & BOHART Pan-Pacif. Ent. 34.

Liris magnifica see *Phlanthus flavifrons*; *rugosa* see *P. ventillabris*.

Metanysson Ashm. (*Huachuca* Pate not a valid subgen.); *foersteri* p. 92, *diezguitas* p. 94 spp. n. Argentina, FRITZ Neotropica 2 1957.

Microbembex nigrifrons Prov. (= *aurata* Prkr.) a valid sp. not syn. of *monodonta* p. 196, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Motes fuliginosa Dahlb. from *Larra* p. 188, KROMBEIN in KROMBEIN & others t.c.

Nitela virginianensis ♂ p. 60, KROMBEIN Proc. ent. Soc. Wash. 60.

Nitelotheus slossonae Ashm. (= *s. barberi* Kromb.) p. 187, KROMBEIN

in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Oxybelus parvum Cress. a valid sp. not syn. of *emarginatum* p. 203, KROMBEIN in KROMBEIN & others t.c.—*O.* of Hungary (key to spp. 281–291) pp. 291–298; *argentatus treforti* p. 294, *aurantiacus* p. 297 further description figs., MÓCZÁR Ann. hist.-nat. Mus. hung. (N.S.) 9.

Palorus beaumonti sp. n. Anatolia p. 166, BYTINSKI-SALZ (Ed.) Rev. Fac. Sci. Univ. Istanbul (B) 22 1957.

Passaloeus of Japan (key pp. 3–5) pp. 1–21; *dubius* sp. n. p. 17; *corniger* subsp. n. *hakusanicus* p. 19; *annulatus* subsp. n. *nipponicola* (c. *corniger*, c. *hak.* p. 15, *dub.* p. 18 compared) p. 13; *gracilis* subsp. n. *yamato* p. 9 Japan figs., TSUNEMI Mem. Fac. lib. Arts Fukui Univ. (2) no. 5 1955.—*P. corniger* var. n. *anthrisci* Germany p. 14 fig., WOLF Mitt. dtsh. ent. Ges. 17.

Pelopoecus argentipilis see *Podalonia*.

Phlanthus flavifrons Cress. (= *Liris magnifica* Prov.); *ventillabris* F. (= *L. rugosa* P.) p. 197, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Pison obesum sp. n. S. Rhodesia p. 127 figs., ARNOLD Occ. Pap. nat. Mus. S. Rhod. 3 no. 22B.

Podalonia argentipilis Prov. (= *morrisoni* Cam.) from *Pelopoecus* p. 192, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Priononyx key to American spp. north of Mexico p. 92; *subatrata* sp. n. N. America p. 91, BOHART Bull. Brooklyn ent. Soc. (N.S.) 53.

Prosopigastra nearctica sp. n. California p. 122 figs., BOHART Proc. ent. Soc. Wash. 60.—*P. bulgarica* sp. n. Bulgaria p. 182 figs., PUŁAWSKI Bull. ent. Pologne 27.

Psammaecius armatus Prov. (= *pergandei* Handl.); *maculatus* P. a valid sp. not syn. of *hamatus* p. 193; *tricolor* Cress. (= *Gorytes* (*G.*) *rufocaudatus* Mckl.) p. 194, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.—*P. ruficornis* see *Harpactostigma (Arcesilas) laminiferum*.

Psenulus saltitans sp. n. S. Rhodesia p. 135 figs., ARNOLD Occ. Pap. nat. Mus. S. Rhod. 3 no. 22B.

Pulverro constrictus Prov. (= *serrano* Pate) p. 189, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Rhopalum stramineipes Arn. a f. of *ichneumoniforme* pp. 4, 5, LECLERCQ Explor. Parc nat. Upemba, Miss. de Witte fasc. 45.—*R. ruandensis* see *Crossocerus*.

Solierella boregensis p. 208, *semirugosa* p. 210, *mandibularis* p. 212 spp. n. California figs., WILLIAMS Pan-Pacif. Ent. 34.

Sphex identity of spp. described by J. L. Christ pp. 92–99, GUIGLIA & BETREM Ann. Mus. Stor. nat. Genova 70.—*S. (Palmodes) argyrius* subgeneric position questioned on grounds of instinctive behaviour pp. 68–69, BERLAND Bull. Soc. ent. Fr. 63.—*S. viatica* L. identity discussed p. 47, VAN DER VECHT Ent. Ber., Amst. 18.

Spilomena alboclypeata (*ampliceps*, *pusilla* distinguishing characters) ♀ p. 61 figs., KROMBEIN Proc. ent. Soc. Wash. 60.

Stigmus inordinatus Fox (= *reticulatus* Mckl.) p. 190, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.—*S. (S.) convergens* ♂ (*flavicornis* distinguishing characters) p. 51 figs., TSUNEKI Mem. Fac. lib. Arts Fukui Univ. (Ser. II) no. 4 1954 pt. 5. [Cf. Z.R. 92 1955 No. 3623.]

Tachysphex euxinus sp. n. Bulgaria p. 178 figs., PUŁAWSKI Bull. ent. Pologne 27.—*T. nitelopteroides* sp. n. Mexico p. 207 figs., WILLIAMS Pan-Pacif. Ent. 34.

Thyreopus rugoso-punctatus see *Anacrabro ocellatus*.

Trypoxylon of N. E. Asia (affinities p. 3; key to spp. pp. 3–12) pp. 1–42; *nipponicum* p. 18, *ambiguum* p. 21, *puławskii* p. 22, *monticola* p. 34, *koikense* p. 35 Japan, *koreanum* p. 32, *chosenense* spp. n.; *frigidum* subsp. n. *chongar* p. 25; *figulus* subsp. n. *koma* p. 28 Korea, *yezo*; *pennsylvanicum* subsp. n. *japonense* p. 29; *clavicerum* subsp. n. *exiguum* p. 37; *regium* subsp. n. *hatogayuum*

pp. 17, 40 Japan; *imayoshii* ♂ p. 19; *cornutum* Gussak. a subsp. of *frigidum* p. 24; *pygmaeum* Gussak. a subsp. of *clavicerum* p. 36 figs., TSUNEKI Mem. Fac. lib. Arts Fukui Univ. (2) no. 6 1956.—*T. shimoyamai* sp. n. Japan p. 7 fig., TSUNEKI Akitu 7.—*T. shimoyamai* ♂ p. 53 figs., TSUNEKI t.c.

Xysma ceanothae ♂ p. 25, KROMBEIN Proc. biol. Soc. Wash. 71.

Vespoidea.

Keys to Hungarian Scolioidea, BAJÁRI 1956 Fauna hung. 13 (3): 1–35, 18 figs.

Key to famm. of Bethyloidea, YASUMATSU Kontyû 26: 24.

BETHYLIDAE, DRYINIDAE.

Key to genn. (based on ♀ characters) of Sclerogibbidae (list of known spp. p. 23), YASUMATSU Kontyû 26: 20–21.

Bethylus decipiens Prov. from *Gonatopus* p. 98, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.—*B. formicoides* see *Epyris*; *prolongatus* see *Pseudisobrachium*.

Caenosclerogibba gen. n. (nr. *Sclerogibba*) p. 21, *japonica* sp. n. Japan p. 22 figs., YASUMATSU Kontyû 26.—*C. japonica* early stages p. 26 figs., YOKOYAMA & TSUNEYOSHI Kontyû 26.

Chalcogonatopus californicus Ashm. from *Gonatopus* p. 99, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Epyris formicoides Prov. from *Bethylus* p. 97, KROMBEIN in KROMBEIN & others t.c.—*E. carbonarius* see *Pseudisobrachium*.

Gonatopus californicus see *Chalcogonatopus*; *decipiens* see *Bethylus*.

Parasclerogibba gen. n. (nr. *Pro-sclerogibba*) p. 19, *kosimi* sp. n. Java p. 21 figs., HAMANN Idea, Bogor 11.

Parasierola erucarum sp. n. Hungary p. 269, SZELÉNYI Ann. hist.-nat. Mus. hung. (N.S.) 9.—*P. distinguenda* see *Perisierola*.

Perisierola distinguenda Kieff. from *Parasierola* p. 98, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Pseudisobrachium carbonarius Ashm. from *Epyris*; *prolongatus* Prov. from *Bethylus* p. 97, KROMBEIN in KROMBEIN & others t.c.

Sclerogibba longiceps sp. n. Madras p. 17 fig., RICHARDS Ann. Mag. nat. Hist. (13) 1.

SCOLIIDAE (including TIPHIIDAE).

Scoliidae of Parc nat. Upemba, Belg. Congo, GUIGLIA Explor. Parc nat. Upemba, Miss. de Witte fasc. 50: 55-60.

Identity of Scoliidae described by J. L. Christ, GUIGLIA & BETREM Ann. Mus. Stor. nat. Genova 70: 92-99.

Acanthetropis gen. n. for *Brachycistis idiotus* Kll., *noctivaga* Brad., *normalis* B., *aequalis* Fox p. 139; *lamellatus* sp. n. (type) Mexico p. 140 figs., WASBAUER Pan-Pacif. Ent. 34.

Anthobosca erythropyga Burm. (= *Elophroptera erythrapoda* Brèthes) p. 56, FRITZ Rev. Soc. ent. argent. 20.

Brachycistis idiotus, *noctivaga*, *normalis*, *aequalis* see *Acanthetropis*.

Campsomeris fimbriata Burm. (from *Scolia*) a var. of *collaris* subsp. *quadrifasciata* p. 98, GUIGLIA & BETREM Ann. Mus. Stor. nat. Genova 70.

Elophroptera erythrapoda see *Anthobosca erythropyga*.

Meria cercerigastra see *Myzine volvulus guerinii*.

Methocha (*M.*) *impolita* sp. n. W. Virginia etc. p. 58, KROMBEIN Proc. ent. Soc. Wash. 60.

Myzine latifasciata, *volvulus* compared p. 7; *guerinii* Lucas (= *violante* Grib. (in note), *Meria cercerigastra* G.) a f. of *volv.* p. 4 figs., GUIGLIA Doriana 2 no. 84.

Myzinum duplofrontalis n. n. for *frontalis* Burm. nec Cress. p. 56, FRITZ Rev. Soc. ent. argent. 20.—*M. fulviceps* Cam. a subsp. of *namea* p. 101, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Scolia (*Microscolia*) Oriental spp. (list p. 103, addition to Betrem's key p. 101) corrections pp. 101-103; (*M.*) *pseudofoaminata* Grib. (= *bellina* Rohw.) a good sp. not syn. of *macrocephala* nor of *bella* p. 102; *obiensis* sp. n. Obi I. p. 103, BRADLEY Pan-Pacif. Ent. 34. [Cf. Z.R. 65 1928 No. 224.]—*S. azurea* var. *rubiginosa* F. (= *a.* var. *intermedia* Betr.); *a.* subsp. n. *christiana* Burma p. 96, GUIGLIA & BETREM Ann. Mus. Stor. nat. Genova 70.—*S. fimbriata* see *Campsomeris collaris* subsp. *quadrifasciata*.

MUTILLIDAE.

Apterogynidae, Mutillidae from Tri-politania, INVREA Boll. Ist. Ent. Univ. Bologna 22: 45-49.

Revision of Sphaerophthalmine Mutillidae of America north of Mexico (keys), SCHUSTER Ent. amer. (N.S.) 37: 1-130, 7 pls.

Acanthophotopsis gen. n. (Sphaerophthalminae) pp. 11, 88, *evansii* p. 93, *bifurca* p. 98 Texas, *bequaertii* p. 101, *dorophora* p. 104 Arizona, *falciformis* (type) (with subsp. n. *furcisterna* Arizona p. 111) California p. 108 spp. n. figs., SCHUSTER Ent. amer. (N.S.) 37.

Acrophotopsis gen. n. (Sphaerophthalminae) pp. 10, 61, *eurygnathus* (type) Arizona p. 65, *campylognathus* Mexico p. 69 spp. n. figs., SCHUSTER t.c.

Apterogyna olivieri subsp. n. *grandii* Libya p. 47, INVREA Boll. Ist. Ent. Univ. Bologna 22.—*A. mickeli* var. n. *targui* Centr. Sahara p. 109, SUÁREZ Mem. Soc. ent. ital. 37.

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Dasytaphrus maura lepida Klug (= *oraniensis* Lucas) p. 115, SUÁREZ Mem. Soc. ent. ital. 37.

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Cuckoo-wasps of coastal N. Carolina, KROMBEIN Trans. Amer. ent. Soc. 84: 141–168, 2 pls.

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Chrysis (*Pentachrysis*) of N.E. Asia (key pp. 35–36) pp. 35–46 figs., TSUNEMI Mem. Fac. lib. Arts Fukui Univ. (2) no. 5 1955.—*C. (Sphintharichrysis) wahrmanni* sp. n. (Lins.) Anatolia p. 169, BYTINSKI-SALZ (Ed.) Rev. Fac. Sci. Univ. Istanbul (B) 22 1957.—*C. (C.) cembricola* sp. n. W. Virginia etc. p. 53 figs., KROMBEIN Proc. ent. Soc. Wash. 60.—*C. (C.) equidens, montana* distinguishing characters p. 145; (*C. alabamensis, laminifera* distinguishing characters p. 149; (*C. stenodyneri* sp. n. (*derivata* compared p. 160) N. Carolina etc. p. 150 figs., KROMBEIN Trans. Amer. ent. Soc. 84.—*C. dichroa* larva p. 309 figs., GRANDI Boll. Ist. Ent. Univ. Bologna 22.—*C. (Hexachrysis) fasciata zetterstedti* Dahlb. (= *daphne* Sm.) p. 42, TSUNEMI Mem. Fac. lib. Arts Fukui Univ. (Ser. II) no. 4 1954 pt. 5 [Cf. Z.R. 92 1955 No. 3623].—*C. annulipes* Mocs., *nearctica* M. from *Spintharis* p. 95, KROMBEIN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

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Supplement to the revision of Neotropical Ecitonini (key to genn. p. 197), BORGMEIER Stud. ent., Petróp. (N.S.) 1: 197–208, 2 pls., 8 figs.

Reclassification of Ectatommini Emery (= Paraponerini E., Proceratini E. p. 176) (key to genn. p. 185), BROWN Bull. Mus. comp. Zool. Harv. 118: 173–362, 48 figs.

Survey of Irish Formicidae, COLLINGWOOD Proc. R. Irish Acad. (B) 59: 213–219.

Key to ants found in Britain (key to subfamm. p. 70), COLLINGWOOD Trans. Soc. Brit. Ent. 13: 69–96, 26 figs.

Ants of Dallas County, Texas (key to subfamm., keys to Ponerinae p. 12, Myrmicinae p. 14, Dorylinae p. 34, Formicinae p. 45), HESS Fld & Lab. 26: 3–55, 1 fig.

Cephalotini of Argentina (list pp. 158–161) revision (contd.), KEMPF Stud. ent., Petrópolis (N.S.) 1: 1–176, 8 pls., 28 figs.,

Dacetini of the State of São Paulo, Brazil, KEMPF Stud. ent., Petróp. (N.S.) 1: 553–560, 4 figs.

Some Attine synonyms and types, WEBER Proc. ent. Soc. Wash. 60: 259–264.

Acanthoponera minor Forel (= *schwarzi* Whlrl., *spininodis* Web.) p. 191; *mucronata* Rog. (= *wagneri*

Santschi, *plaumanni* Don., *goyana* Borgm.) p. 192; *peruviana* Peru p. 254, *crassa* Ecuador, Costa Rica p. 255 spp. n. figs., BROWN Bull. Mus. comp. Zool. Harv. 118.—*A. brouni*, *dentinodis*, *dolo*, *imbellis*, *inermis*, *leae*, *panamensis* see *Heteroponera*; *dent.* var. *schwebeli* see *H.s.*

Aenictus turneri Brown (= *exiguus* Clark) p. 5, BROWN Psyche 64.

Alfaria see *Gnamptogenys*; *striolata*, *bufonis*, *minuta* (*emeryi*), *panamensis*, *carinata*, *mus*), *simulans* see *G.*

Anillidris see *Linepithema*.

Anoplolepis (*Mesanooplolepis*) *litoralis* sp. n. S. Rhodesia p. 124, ARNOLD Occ. Pap. nat. Mus. S. Rhod. 3 no. 22B.

Apterostigma synonymies and types pp. 243–251; *auriculatum* Wheel. (= *a. var. demerarae* Wh., *immobile* Web.) p. 243; *dentigerum* Wh. (= *collare* subsp. *dubium* Web., *angulatum* Web.) p. 246; *ierense* Web. (= *fitzgeraldi* Web.) p. 247; *mayri* For. (= *abdita* Mann, *m. var. discrepans* For., *pallidum* Web., *m. subsp. zip* Web.) p. 248; *robustum* Em. (= *branneri* Mann, *jubatum* Wh., *amiae* Web. p. 249, *r. subsp. constrictum* Web., *tic* Web.); *urichi* For. (= *u. var. nitidum* Web. p. 250, *guianense* Web. p. 251), WEBER Ent. News 69.

Arnoldidris key to spp. based on workers p. 22; *szentivanyi* sp. n. New Guinea p. 18 figs., BROWN Psyche 64.

Atta F. (= subgenn. *Neoatta* Gonc., *Palaeatta* Borgm., *Epiatta* Borgm. p. 8) spp. nomenclature discussed pp. 8–12, WEBER Ent. News 69.—*A. septentrionalis obscurior*, *s. o. seminole* see *Trachymyrmex* *sept.*; *urichi fusca*, *u. marthae* see *T. u.*

Camponotus (*Tanaemyrmex*) *basuto* Basutoland p. 125, (*T.*) *buttikeri* Transvaal p. 126 spp. n. figs., ARNOLD Occ. Pap. nat. Mus. S. Rhod. 3 no. 22B.—*C. nearcticus* Emery (= *caryae rasilis pavidus* Whlr.) p. 44, VAN PELT Amer. Midl. Nat. 59.

Camptostigmacros subgen. n. (type *aemula* Forel) see *Stigmacros*.

Chariostigmacros subgen. n. (type *hirsuta* sp. n.) see *Stigmacros*.

Crematogaster (*C.*) *cerasi* Fitch (= (*C.*) *kennedyi* Whlr.), (*Acrocoelia*) *lineolata c. var. punctinodis* Enzm. p. 126 raised to sp. not subsp. of *l.* p. 125; *clara* Mayr raised to sp. not var. of (*C.*) *laeviuscula*; *depilis* W. raised to sp. not subsp. of (*C.*) *opaca*; (*C.*) *laev.* M. (= *Oecodoma* (*Atta*) *arborea* Buckl.) p. 126; (*C.*) *lineolata* Say (= (*C.*) *lin. var. lutescens* Emery, (*C.*) *lin. cerasi* var. *wheldeni* Enzm.); *mormonum* Em. raised to sp. not subsp. of (*C.*) *coarctata*; *pilosa* Em. (= (*C.*) *creightoni* W.); *punctulata* Em. (= (*C.*) *lin. subopaca* Em., (*Acroc.*) *opaca* var. *texana* Santschi) raised to sp. not subsp. of *o.* p. 127, BUREN in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.—*C. rufigena* sp. n. S. Rhodesia p. 123 fig., ARNOLD Occ. Pap. nat. Mus. S. Rhod. 3 no. 22B.

Cryptocerus denticulatus, *d. var. variegata* see *Paracryptocerus targionii*; (*P.*) *guttifer*, ? (*C.*) *guttatus* var. *trivialis* see *P. fiebrigi*; *lanuginosus*, *lobigaster*, *lob.* var. *fides* see *P. liogaster*; *convexus* see *P. quadratus*; *peltatus*, *p. ellenriederi*, *p.e. var. jocans*, *gaudens* see *P. jheringi*; *p.e. var. tucumana* see *P. bivesitatus*; *ridiculus*, (*C.*) *jheringi pam-paensis* see *P. bruchi*; *angustus* var. *clarior* see *P. a.*; (*P.*) *bohlsi* var. *medusa* see *P. b.*; *setulifer orbis* see *P. s.*; *discocephalus*, *patellaris*, *varians marginatus*, (*Cyathocephalus*) *pallens* var. *porrasi* see *P. pallens*; (*Cyathoc.*) *varians* var. *jamaicensis* see *P. v.*; *fervidus* see *Zacryptocerus membrana-ceus*.

Cyphomyrmex (and other genn. phylogeny pp. 11–12) key to sthn. S. American spp. pp. 9–11; *nemei* sp. n. Argentina p. 7, KUSNEZOV Rev. Soc. urug. Ent. 2 1957.—*C. rimosus* subsp. *fuscus* Emery (= *r. subsp. curiapensis* Weber); *r. subsp. transversus* E. (= *r. subsp. venezuelensis* W.) p. 260; *acutus* W. a subsp. of *salvini* p. 261, WEBER Proc. ent. Soc. Wash. 60.

Cyrtostigmacros subgen. n. (type *australis* Forel) see *Stigmacros*.

Discothyrea Roger (= *Pseudosymphincta* Arn., *Prodiscothyrea* Whlr., *Pseudosymphincta* W.) p. 248; *mixta*

sp. n. *Liberia* p. 343; *bryanti* W., *velutina* W. from *Prod.*; *poweri* A. from *Pseudosysph.* p. 253 figs., BROWN Bull. Mus. comp. Zool. Harv. 118.

Dorymyrmex bicolor Wheel. a good sp. not f. of *pyramicus* p. 130, COLE J. N. Y. ent. Soc. 65.

Ectatomma key p. 209; *permagnum* Forel (= *confusa* Forel, *aerea* Forel) n. n. for *strigosum* Emery 1894 nec 1887 pp. 209, 296; *edentatum* Rog. (= *iris* Forel, *densestriata* Forel, *inversa* Santschi); *muticum* Mayr (= *lobulifera* Forel) p. 208; *opaciventre* R. (= o. var. *concolor* S.) p. 298 figs., BROWN Bull. Mus. comp. Zool. Harv. 118.—*E.* key to sthn. S. American spp. p. 13; *regis* sp. n. (*quadridens* compared p. 13) Argentina p. 12, KUSNEZOV Rev. Soc. urug. Ent. 2 1957.—*E.* (*Poneracantha*), (*Parectatomma*), (*Commateta*), (*Tammoteca*) see *Gnamptogenys*; (*Pon.*) *bispinosa*, (*Pon.*) *aculeaticoxae*, (*Par.*) *angularis* (t. var. *richteri*), (*Par.*) *hartmani*, (*Par.*) *menozzii*, (*Par.*) *rastrata*, (*Par.*) *schubarti*, (*Par.*) *trigona*, (*C.*) *bruchi*, (*T.*) *concinna* (c. var. *semicircularis*, *romani*, *conica*) see *G.*

Emeryella see *Gnamptogenys*; (*Barbourella*) see *G.*; (*B.*) *banksi*, (*E.*) *schmitti* (minor) see *G.*

Epitritus hezamerus sp. n. (position in key p. 71) Japan p. 70 figs., TAKAHASHI Mushi 31.

Forelius key to sthn. S. American spp. pp. 16–18; *macrops* p. 14, *andinus* p. 15 spp. n. Argentina, KUSNEZOV Rev. Soc. urug. Ent. 2 1957.

Formica keys to British spp. pp. 89–92; *Paratrechina*, *Lasius* distinguishing characters p. 85, COLLINGWOOD Trans. Soc. Brit. Ent. 13.—*F. truncorum* workers' colour variations pp. 239–242, KNECHTEL Proc. 10th int. Congr. Ent. Montreal 1956 1.—*F. rufa*, *polycetna* hairs as distinguishing characters pp. 217–226 fig., LANGE Zool. Jb. (Syst.) 86.—*F. nodosa* see *Gnamptogenys mordax*.

Gnamptogenys Roger (= *Stictoponera* Mayr), *Holcoponera* M., *Alfaria* Emery, *Ectatomma* (*Poneracantha* E.), *Rhopalopone* E., *Emeryella* Forel p. 211, *Ect.* (*Parectatomma* E.), *Spaniopone* Whlr. and Mann, *Wheeleripone* Mann, *Opisthoscyphus* Mann,

Ect. (*Commateta* Santschi), *Ect.* (*Tammoteca* S.), *Em.* (*Barbourella* W.) p. 212) keys pp. 230–241; *banksi* W. from *Em.* (*B.*); *bispinosa* E., *aculeaticoxae* S. from *Ect.* (*Pon.*) p. 215; *haytiana* W. and Mann from *Spaniopone* p. 218; *albiclava* Mann, *crenaticeps* Mann, *aterrima* Mann, *lucida* Mann from *Wheeleripone*, *coxalis* R., *taivanensis* W., *panda* Brown p. 221, *bicolor* E., *binghami* Forel, *biroi* E., *costata* E., *crassicornis* Forel, *laevior* Forel, *menadensis* Mayr, *posteropsis* Gregg, *spiralis* Karaw. p. 230 from *Stict.*; *striolata* Borgm., *bufonis* Mann, *minuta* E. (= *Alfaria emeryi* Forel, *Opisthoscyphus scabrosus* Mann, *A. panamensis* Web. nec S., *A. carinata* Web. p. 317, *A. mus* S. p. 228), *simulans* E. from A. p. 222; *striatula* Mayr (= *brasiliensis* E. p. 327, *angustiloba* Forel, *angustipleura* Forel, *paulina* Forel, *pernambucana* S., *calcarata* S., *hybrida* S. p. 229) returned from *Holc.*; *acuta* Brown, *arcuata* S. (= *regularis* S. nec Mayr p. 227), *curtula* E. (= *stolli* Forel p. 320), *gracilis* S., *magnifica* S., *mina* B., *moelleri* Forel (= *splendens* S.) p. 329, *pleurodon* E. (= *emeryi* S., e. var. *recta* S. p. 320, *vidua* S. p. 321), *porcata* E., *relicta* Mann, *rustica* S., *simplex* E., *simplicoides* Forel, *strigata* Nrtm., *teffensis* S. (= t. var. *concinna* S. nec F. Sm. p. 329), *wasmanni* S. (= *isthmica* S.), *wheeleri* S. (= *mayri* S.) from *Holc.*; *cribrata* E., *dammermani* W., *diehli* Forel, *major* E., *malaensis* Mann p. 303, *epinotalis* E., *luzonensis* W. p. 302 from *Rhopalopone*; *reichen-spergeri* S. from *Heteroponera* p. 324; *schmitti* Forel (= *minor* W. p. 330) from *Emeryella* (*Em.*); *angularis* Mayr (= t. r. *richteri* Forel p. 323) returned from *Ect.* (*Parect.*); *hartmani* W., *menozzii* Borgm., *rastrata* Mayr., *schubarti* Borgm., *trigona* E. from *Ect.* (*Parect.*); *bruchi* S. from *Ect.* (*Commateta*); *concinna* F. Sm. (= c. var. *semicircularis* Borgm., *romani* W. p. 305, *conica* Borgm. p. 227) from *Ect.* (*Tammoteca*) p. 230; *mordax* F. Sm. (= m. var. *purensis* Forel, *sebastiani* Borgm., *Formica nodosa* Latr.) p. 320; *regularis* Mayr (= r. var. *splendida* Perg., *fiebrigi* Forel); *tornata* R. (= t. var. *ericae* Forel) p. 319; *sulcata* F. Sm. (=

ypirangensis Borgm., *bufonum* Web. nec *bufonis* Mann, s. varr. *nitens* Mann, *lineata* Mayr, *cearensis* Forel) p. 330; *tortuolosa* F. Sm. (= *quitensis* Forel) p. 324; *continua* Mayr (= *panamensis* S.); *chapmani* Philippines p. 305, *kalabiti* Borneo p. 308, *grammodes* p. 310, *macretes* p. 313 New Guinea, *mecotyle* Bolivia p. 318, *semiferax* Dominican Rep. p. 324, *mediatrix* Brazil p. 326 spp. n. figs., BROWN Bull. Mus. comp. Zool. Harv. 118.

Hagiostigmacros subgen. n. (type *barratti* Santschi) see *Stigmacros*.

Heteroponera Mayr (= *Paranomopone* Whlr. p. 194) keys p. 196; *brouni* Forel (= *kirki* W. p. 262), *dentinodis* M., *dolo* Rog. (= *d.* var. *aurea* Forel p. 257), *imbellis* Emery (= *scabra* W., *hilaris* Forel, *occidentalis* Clark, *nigra* C. pp. 196, 262), *inermis* E., *leae* W., *panamensis* Forel, *schwebeli* Lued. (a distinct sp. not var. of *dentinodis* p. 258) from *Acanthoponera*; *relicta* W. from P. p. 196; *inca* sp. n. Colombia p. 259 figs., BROWN Bull. Mus. comp. Zool. Harv. 118.—*H. reichenspergeri* see *Gnamptogenys*.

Holcoponera see *Gnamptogenys*; *striatula* (*brasiliensis*, *angustiloba*, *angustipleura*, *paulina*, *pernambucana*, *calcarata*, *hybrida*), *acuta*, *arcuata* (*regularis*), *curtula* (*stolli*), *gracilis*, *magnifica*, *mina*, *moelleri* (*splendens*), *pleurodon* (*emeryi*, *e.* var. *recta*, *vidua*), *porcata*, *relicta*, *rustica*, *simplex*, *simplicoides*, *strigata*, *teffensis* (*t.* var. *concinna*), *wasmanni* (*isthmica*), *wheeleri* (*mayri*) see G.

Iridomyrmex, *Tapinoma* distinguishing characters p. 94, COLLINGWOOD Trans. Soc. Brit. Ent. 13.

Labidus praedator sedulus ♀ p. 198 figs., BORGMEIER Stud. ent., Petr6p. (N.S.) 1.

Lasius (*Chthonolasius*) *atopus* sp. n. California p. 75 figs., COLE J. Tenn. Acad. Sci. 33.—*L.* keys to British spp. p. 86; *Paratrechina*, *Formica* distinguishing characters p. 85 fig., COLLINGWOOD Trans. Soc. Brit. Ent. 13.

Leptothorax keys to British spp. p. 77 figs., COLLINGWOOD t.c.—*L.* some Neotropical spp. pp. 91–102;

brasiliensis Brazil p. 92, *rutilans* Br. Guiana p. 100 spp. n.; *vicinus* Mayr (= ? *costatus* Emery) p. 99 figs., KEMPF An. Acad. bras. Ci6nc. 30.—*L. nitens-carinatus* complex of N. America (keys to workers and ♀♀ p. 538) pp. 535–538; *mariposa* Wheel. resurrected as full sp. not var. of *nitens* p. 537, COLE Ann. ent. Soc. Amer. 51.—*L.* (modified key to subgenn. [cf. Z.R. 59 1922 No. 3034] p. 266 systematic position of Argentine spp. discussed pp. 265–271 figs., KUSNEZOV Acta zool. lilloana 16.

Lilidris gen. n. (Solenopsidini) p. 189, *metatarsalis* sp. n. Argentina p. 191 figs., KUSNEZOV op. cit. 15.

Linepithema Mayr (= *Anillidris* Santschi) p. 273, KUSNEZOV op. cit. 16.

Metapone list of known spp. 119–120; *madagascariensis* p. 111, *emersoni* p. 115 spp. n. Madagascar figs., GREGG Proc. ent. Soc. Wash. 60.

Monomorium distinctum var. n. *leviceps* Cape Prov. p. 119, ARNOLD Occ. Pap. nat. Mus. S. Rhod. 3 no. 22B.

Mycetophylax Emery (= *Paramycetophylax* Kusn.); *bruchi* Santschi (= *P. bruchi* K.) p. 262; *emeryi* Forel (= *hummelincki* Weber); *bolivari* W. a subsp. of *e.* p. 263, WEBER Proc. ent. Soc. Wash. 60.

Myrmecocystus pyramicus, *mojave* distinguishing characters p. 129, COLE J. N. Y. ent. Soc. 65.

Myrmica in Britain (key to ♂♂ and workers p. 66) pp. 65–75 figs., COLLINGWOOD Proc. R. ent. Soc. Lond. (A) 33.—*M.* keys to British spp. p. 81 figs., COLLINGWOOD Trans. Soc. Brit. Ent. 13.

Myrmicaria faurei var. n. *rhodesiae* S. Rhodesia p. 119, ARNOLD Occ. Pap. nat. Mus. S. Rhod. 3 no. 22B.

Myrmicinae keys to British genn. pp. 71–74 figs., COLLINGWOOD Trans. Soc. Brit. Ent. 13.

Myrmicocrypta collaris Emery (= *corniculata* E.) p. 261; *squamosa* F. Smith (= *buenzlii* Borgm.) p. 262, WEBER Proc. ent. Soc. Wash. 60.—*M. cucumi* see *Trachymyrmex*.

Neivamyrmex fallax Borgm. the valid name for *commutatum* auct.

nec. Emery p. 109, SMITH in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.—*N. infaltus* sp. n. Mexico p. 205 figs., BORGMEIER Stud. ent., Petróp. (N.S.) 1.

Nomamyrmex esenbecki crassicornis ♀ p. 202 figs., BORGMEIER t.c.

Oecodoma (Atta) arborea see *Crema togaster* (C.) *laeviuscula*.

Opisthoscyphus see *Gnamptogenys*; *scabrosus* see *G. minuta*.

Orectognathus key to spp. based on workers p. 27; *sarasinii* measurements p. 23; *phyllobates* sp. n. Queensland p. 25 figs., BROWN Psyche 64.—*O. nigriventris* sp. n. Australia p. 195 fig., MERCOVICH Mem. Qd Mus. 13.

Paracryptocerus of Argentina keys pp. 10–14; (*Harnedia*) (keys pp. 66–71) pp. 65–144, (*Cyathomyrmex*) pp. 144–158 revision; (*H.*) *fleddermanni* Brazil p. 87, (*H.*) *sobrius* Guatemala p. 119 spp. n.; (*P.*) *eduarduli* (?) soldier p. 16; (*H.*) *striativentris* p. 83, (*H.*) *targionii* Emery (= *Cryptocerus denticulatus* E., *Cr. d.* var. *variegata* Forel p. 94) p. 98 ♀♀; (*H.*) *curvistratus* soldier p. 115, ♀ p. 117; (*H.*) *fiebrigi* Forel (= *Cr. (P.) guttifer* Santschi, ? *Cr. (Cr.) guttatus* var. *trivialis* S.) p. 28, (*H.*) *insularis* Wheel. p. 128 raised to spp. not subspp. of *pilosus*; (*H.*) *liogaster* S. (= *Cr. lanuginosus* S., *Cr. lobi-gaster* S., *Cr. lob.* var. *fides* S.) p. 25; (*H.*) *quadratus* Mayr (= *Cr. convexus* S.) p. 33; (*H.*) *bivestitus* S. (= *Cr. peltatus ellenriederi* var. *tucumana* Forel) p. 38; (*H.*) *bruchii* Forel (= *Cr. ridiculus* S., *Cr. (Cr.) jheringi pampaensis* S.) p. 44; (*H.*) *jheringi* E. (= *Cr. peltatus* E., *Cr. p. ellenriederi* Forel, *Cr. p. e.* varr. *jocans* Forel p. 50, *gaudens* S. p. 51); (*H.*) *angustus* M. (= *Cr. angustus* var. *clavator* Forel) p. 74; (*H.*) *bohlsi* E. (= *Cr. (P.) bohlsi* var. *medusa* S.) p. 101; (*Cyathom.*) *setulifer* E. (= *Cr. setulifer orbis* Forel) p. 146; (*Cyathom.*) *pallens* Klug (= *Cr. discocephalus* F. Smith, *Cr. patellaris* M., *Cr. varians marginatus* Wheel. and Mann (nec F.), *Cr. (Cyathocephalus) pallens* var. *porrasi* W.) p. 151; (*Cyathom.*) *variens* F. Smith (= *Cr. (Cyathoc.) variens* var. *jamaicensis* Forel) p. 155 figs., KEMPF Stud. ent., Petróp. (N.S.) 1.—*P. conspersus* F. Smith (=

targionii Em.) p. 108; *minutus* F. (= *exiguus* F. S.) p. 110, KEMPF Ent. News 69.

Paramycetophylax see *Mycetophylax*; *bruchii* see *M.b.*

Paranomopone see *Heteroponera*; *relicta* see *H.*

Paraponerini see *Ectatommini*.

Paratrechina (*Lasius*, *Formica* compared) *longicornis*, *viduola* distinguishing characters p. 85, COLLINGWOOD Trans. Soc. Brit. Ent. 13.

Pheidole vasliti Perg. (= v. varr. *acolhua* Wheel., *arizonica* Santschi p. 211) complex revision pp. 203–212 figs., CREIGHTON J. N. Y. ent. Soc. 65.—*P. (P.) bahai* Forel from *Tetramorium* (*Cephalomorium*) p. 138, SMITH Agric. Monogr. U.S. Dep. Agric. no. 2.

Plagiolepis montivaga sp. n. Basuto-land p. 124 fig., ARNOLD Occ. Pap. nat. Mus. S. Rhod. 3 no. 22B.—*P. alluaudi* Emery (= *mactavishi* Wheel., *foreli* Santschi, f. var. *ornata* S., f. Mann, *augusti* Em.); *a.* worker re-description p. 196, SMITH J. N. Y. ent. Soc. 65.

Pogonomyrmex occidentalis-comanche complex taxonomy discussed pp. 23–25, HESS Fld and Lab. 26.

Ponera caeca see *Proceratium papuanum*.

Proatta butteli For. nomenclature discussed p. 7, WEBER Ent. Gaz. 69.

Proceratiini see *Ectatommini*.

Proceratium melinum Roger (= *europaea* Forel, *fialai* Krat., *rossica* Arn.) p. 334; *papuanum* Emery (= *Ponera caeca* Don. nec *P. coeca* Santschi) p. 335; *stictum* sp. n. Queensland p. 336; *itoi* Forel p. 247, *pergandei* E., *toschii* Cons., *watasei* Whlr. p. 248 from *Sysphincta* figs., BROWN Bull. Mus. comp. Zool. Harv. 118.

Prodiscothyrea see *Discothyrea*; *bryanti*, *velutina* see *D.*

Pseudomyrmex gracilis group partial revision pp. 433–462; *unicolor* F. Smith (= *Pseudomyrma u.* var. *anceps* Santschi, *Pseudomyrma mutiloides* Emery) p. 439; *agilis* F. Smith (= *Pseudomyrma gracilis carapuna*

Mann, *Pseudomyrma* g. var. *peruviana* Enzm. p. 446) p. 448, *maculatus* F. Smith (= *Pseudomyrma nigropilosa laticeps* Forel, *Pseudomyrma n. wagneri* S. p. 454) p. 457 distinct spp. not rr. of *gracilis*; *squamifer* Em. raised to sp. not r. of g. p. 457; *pupa* Forel raised to sp. not var. of *unicolor* p. 441; *kitschelti* Forel raised to sp. not r. of *laevigatus* p. 444; *laev.* p. 443, *nigropilosus* p. 454 further characters; *simulans* sp. n. Panama p. 459 figs., KEMPF Stud. ent., Petróp. (N.S.) 1.—*P.* key to United States spp. p. 19; *elongata* Mayr (= *e. cubaensis* Forel, *e. tandem* For.) p. 18, CREIGHTON J. N. Y. ent. Soc. 63 1957.

Pseudosphincta see *Discothyrea*.

Pseudostigmacros subgen. n. (type *inermis* sp. n.) see *Stigmacros*.

Pseudosysphincta see *Discothyrea*; *poweri* see *D.*

Rhopalopone see *Gnamptogenys*; *cribrata*, *dammmermani*, *diehli*, *major*, *malaensis*, *epinotalis*, *luzonensis* see *G.*

Rhytidoponera revision of New Caledonian spp. (key p. 288) pp. 286–295; *numeensis* André (= *acupuncta* Emery) p. 286; *fulgens* E. (= *f.* var. *socrula* E.) p. 287; *acanthoponeroides* ♂ p. 290; *versicolor* p. 292, *wilsoni* p. 294 New Caledonia, *kurandensis* p. 267, *chnoopyx* p. 269, *peninsularis* p. 280 Queensland, *trachypyx* N. Territory (Aust.), p. 281, *tyloxyx* (Brown & Douglas) W. Australia p. 282 spp. n.; *aciculata* Fr. Smith (= *laevior* Stitz) p. 263; *violacea* Forel (= *opacior* Crwly.); *rufescens* Forel a distinct sp. not var. nor. r. of *convexa*; *inornata* Cr. (= *carbonaria* Whlr. p. 203) a distinct sp. not var. of *metallica* p. 266; *maniae* Forel (= *spatiata* Forel) p. 271; *convexa* Mayr (= *nigra* Clark) p. 272; *mayri* E. (= *occidentalis* Cl., *glabrior* Forel, *dixoni* Cl. p. 273, *quadriceps* Cl., *stridulator* Cl., *petiolata* Cl. nec Viehm. p. 274); *metallica* Fr. Smith (= *purpurascens* Wr., *pulchra* Cl., *caeciliae* V. p. 275, *m.* var. *varians* Cr. p. 276); *tasmaniensis* E. (= *t.* var. *cristulata* Forel) p. 277; *rufiventris* Forel a distinct sp. not var. of *convexa* p. 278; *victoriae* André (= *modesta* E., *scrobiculata* Forel, *cedarensis* Forel) p. 285; *maledicta* Forel a distinct

sp. not r. of v.; *clarki* Don. (= *obscura* Forel) p. 286; *araneoides* LeG. (= *arcuata* St.); *borealis* Cr. (= *brunnea* Cl.) p. 202; *scaber-rima* E. (= *laciniosa* subsp. *malandensis* Forel); *anceps* further characters p. 264 figs., BROWN Bull. Mus. comp. Zool. Harv. 118.—*R. convexa* early stages pp. 80–81, WHELDEN Ann. ent. Soc. Amer. 51.

Rogeria systematic position discussed pp. 41–44; *minima* sp. n. Argentina p. 44 figs., KUSNEZOV Acta zool. lilloana 15.

Sericomyrmex amabilis Wheel. (= *bierigi* Santschi) p. 263, WEBER Proc. ent. Soc. Wash. 60.—*S. opulenta* see *Trachymyrmex*; *wheeleri pakeelai* see *T. w.*

Spaniopone see *Gnamptogenys*; *hay-tiana* see *G.*

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Strumigenys cordovens group of Neotropical region pp. 217–224; *sublonga* sp. n. Bolivia; *mokensis* Forel

raised to sp. not var. of *c.* p. 221; *dolichognatha* Web. raised to sp. not subsp. of *c.* p. 223 figs., BROWN Stud. ent., Petróp. (N.S.) 1.—*S. cultriger* p. 97, *tococae* p. 101 of Neotropical Region; *deltisquama* sp. n. Panama Canal Zone p. 99 figs., BROWN J. N. Y. ent. Soc. 63 1957.—*S. longispinosa* sp. n. Panama Canal Zone p. 123; (*S.*) *marginiventris* Santschi a distinct sp. not r. of *fusca* p. 126 figs., BROWN op. cit. 65.—*S. perparva* sp. n. Trinidad p. 133; *ogloblini* further description p. 136 figs., BROWN t.c.—*S. decollata* further description p. 109; *ecliptacoca* sp. n. New Guinea p. 111, BROWN Psyche 64.—*S. (Pyramica)* Roger not a valid subgen. p. 67, BROWN in KEMPF Rev. bras. Ent. 8.—*S. connectens* p. 59, *laevipleura* p. 64, *xenognatha* p. 65 spp. n. Colombia figs., KEMPF Rev. bras. Ent. 8.—*S. sanctipauli* sp. n. Brazil p. 556 figs., KEMPF Stud. ent., Petróp. (N.S.) 1.

Sysphincta itoi, *pergandei*, *toschii*, *watasei* see *Proceratium*.

Tapinoma, *Iridomyrmex* distinguishing characters p. 94, COLLINGWOOD Trans. Soc. Brit. Ent. 13.

Teratomyrmex gen. n. (Lasiini) p. 54, *greavesi* sp. n. Queensland p. 55 figs., McAREAVEY Mem. nat. Mus. Vict. no. 21 1957.

Tetramorium bevisi Basutoland p. 120, *hortorum* p. 121 spp. n.; *guineense* subsp. n. *gazensis* p. 122 S. Rhodesia; *akermani* var. n. *myersi* Cape Prov.; *frigidum* Arn., *drakensbergensis* A. varr. of *titus* not of *a.* p. 123 figs., ARNOLD Occ. Pap. nat. Mus. S. Rhod. 3 no. 22B.—*T. (Cephalomorium) bahai* see *Pheidole* (*P.*).

Trachymyrmex cornetzi Forel (= *c.* var. *naranjo* For., *c.* var. *bivittatus* Wheel., *uncifer* Santsch., *annulatus* S., *c.* subsp. *gatum* Web., *brevispinosa* Web.) p. 49; *septentrionalis* McC. (= *Atta* (*T.*) *septentrionalis* var. *obscurior* Wheel. p. 52, *A. (T.) s. o.* var. *seminole* Wh.); *urichi* For. (= *u.* subsp. *panamensis* Wh., *radicis* Web., *A. (T.) u.* subsp. *fusca* Em., *marthae* For.) p. 53; *farinosus* Em. (= *trifurcatus* Web.); *opulenta* Mann p. 51, *wheeleri* Web. (= *Sericomyrmex w.* subsp. *pakeelai* Web.) p. 54 from *S.*; *cucumis* Mann from *Myrmicocrypta*

p. 50; *zeteki* Web. (= *balboai* Web.) p. 55, WEBER Ent. News 69.

Wadeura haskinsi ♀ p. 178 figs., KEMPF Rev. bras. Ent. 8.

Wheeleripone see *Gnamptogenys*; *albiclava*, *crenaticeps*, *aterrima*, *lucida* see *G.*

Zacryptocerus membranaceus Klug (= *Cryptocerus fervidus* F. Smith) p. 135, KEMPF Stud. ent., Petróp. (N.S.) 1.

Proctotrupoidea (Serphoidea).

Proctotrupoidea from the Belg. Congo, RISBEC Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 64: 106–138, 12–22 figs.

SCELIONIDAE

(including PLATYGASTERIDAE).

Key to Scelionid egg-parasites of *Lymantria dispar* (Lep.), MASNER Entomophaga 3: 42.

Acolus opacus p. 119, *basalis*, *fasciatus* p. 120 spp. n. Egypt, PRIESNER Bull. Inst. Fouad 1er Désert 1 1951.

Aegyptoscelio gen. n. (nr. *Plagioscelio*) p. 133, *frequens* sp. n. Egypt p. 134 figs., PRIESNER t.c.—*A. Priesn.* (= *Afroscelio* Risb.) p. 45; *poussi* R. from *Afroscelio*; *ferrierei* sp. n. Fr. Congo p. 46 figs., MASNER Mitt. Schweiz. ent. Ges. 31.

Aellenia gen. n. (Scelioninae) p. 47, *bispinosa* sp. n. Fr. Equat. Africa p. 50 figs., MASNER t.c.

Afroscelio see *Aegyptoscelio*; *poussi* see *A.*

Amblyconus aegyptiacus sp. n. Egypt p. 135, PRIESNER Bull. Inst. Fouad 1er Désert 1 1951.

Anabaeus subgen. n. (type *ventricosus* sp. n.) see *Baeus*.

Anopediella see *Platystasius*; *transversus* (*janssoni*), *antennatus* see *P.*

Anteris reticulata see *Psilanteris*.

Baeus kuscheli p. 438, (*Anabaeus* subgen. n.) *ventricosus* p. 440 spp. n. Juan Fernández Is. figs., OGLOBLIN Rev. chil. Ent. 5 1957.

Ceratoteleia Kieff. (= *Prosanteris* K.); *marlattii* Ashm. (= *Macroteleia ruskini* Grt., *P. nigriceps* A.); *virginiensis* A. from *P.* p. 93, MUESEBECK

in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Chaetanteris gen. n. (nr. *Prosanteris*), *serraticeps* sp. n. Egypt p. 136 figs., PRIESNER Bull. Inst. Fouad 1er Désert 1 1951.

Chromoteleia paulisiensis p. 124, *ueleensis* p. 125 spp. n. Belg. Congo figs., RISBEC Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 64.

Cyphaculus gen. n. (nr. *Ceratobaeus*) p. 123, *veniprivus* sp. n. Egypt p. 124 figs., PRIESNER Bull. Inst. Fouad 1er Désert 1 1951.

Dichtoteleas benoiti sp. n. Belg. Congo p. 119 figs., RISBEC Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 64.

Doddiaella kiefferi p. 127, *similis* p. 128 spp. n. Egypt fig., PRIESNER Bull. Inst. Fouad 1er Désert 1 1951.

Echinoteleas benoiti sp. n. Belg. Congo p. 117 figs., RISBEC Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 64.

Ectadius striatus sp. n. Belg. Congo p. 136 figs., RISBEC t.c.

Efflatounina gen. n. (nr. *Gryon*), *gryontoides* sp. n. Egypt p. 126 figs., PRIESNER Bull. Inst. Fouad 1er Désert 1 1951.

Encyrtoscelio masrensis sp. n. Egypt p. 125, PRIESNER t.c.

Enneascelio see *Scelio*; *exaratus* see S.

Eremioscelio gen. n. (nr. *Hadronotus*) p. 129, *cydnoides* sp. n. Egypt p. 130, PRIESNER Bull. Inst. Fouad 1er Désert 1 1951.

Hadronotus fasciatus p. 130, *fellah* p. 131 spp. n. Egypt, PRIESNER t.c.—*H. lymantriae* sp. n. Czechoslovakia p. 39 fig., MASNER Entomophaga 3.—*H. basokoi* p. 115, *benoiti* p. 116 spp. n. Belg. Congo figs., RISBEC Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 64.

Inostemma acuticornis sp. n. Slovakia p. 351; *acuminatum* distinguishing characters pp. 350–353 figs., MUSIL Acta Soc. ent. Csl. 55.

Iphitrachelus gracilis ♀ p. 53 figs., MASNER Mitt. schweiz. ent. Ges. 31.

Macroteleia eremicola sp. n. Egypt p. 137, PRIESNER Bull. Inst. Fouad 1er Désert 1 1951.—*M. ruskini* see *Ceratoteleia marlattii*.

Marshalliella benoiti sp. n. Belg. Congo p. 121 figs., RISBEC Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 64.

Megacolus gen. n. (nr. *Acolus*) p. 121, *desertorum* sp. n. Egypt p. 122 figs., PRIESNER Bull. Inst. Fouad 1er Désert 1 1951.

Misocyclops transsylvanicus sp. n. Hungary p. 261 figs., SZELÉNYI Ann. hist.-nat. Mus. hung. (N.S.) 9.

Nixonia gen. n. (*Archaeoscelio* compared) p. 101, *pretiosa* sp. n. S. W. Africa p. 103 figs., MASNER Proc. R. ent. Soc. Lond. (B) 27.

Paphagus rugosus see *Stictoteleia*.

Paratrimorus Kieff. characters (*Psilanteris* K. compared) p. 271; *perplexus* ♂ p. 272; *erdösi* Bulgaria p. 275, *szelényii* Hungary p. 277 spp. n. figs., SZABÓ Ann. hist.-nat. Mus. hung. (N.S.) 9.

Piestopleura celisi p. 130, *kivuensis* p. 132, *leroyi* p. 134, *congoana* p. 135 spp. n. Belg. Congo figs., RISBEC Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 64.

Platygaster rwankwiensis (also Urundi) p. 126, *leroyi* (also Ruanda) p. 127 spp. n. Belg. Congo figs., RISBEC t.c.—*P. gyrone* p. 266, *crassus* p. 267 spp. n. Hungary figs., SZELÉNYI Ann. hist.-nat. Mus. hung. (N.S.) 9.

Platystasius Nixon (= *Anopediella* Sundh.); *transversus* S. (= *strangaliophagus* N., *A. janssoni* S.), *antennatus* S. from A. p. 269, SUNDHOLM Ent. Tidskr. 78.

Prosactogaster erdösi sp. n. Hungary p. 263; *phragmitis* re-description p. 265 figs., SZELÉNYI Ann. hist.-nat. Mus. hung. (N.S.) 9.

Prosanteris see *Ceratoteleia*; *virginiensis* see C.; *nigriceps* see C. *marlattii*.

Psilanteris, *Paratrimorus* compared p. 271, SZABÓ Ann. hist.-nat. Mus. hung. (N.S.) 9.—*P. reticulata* Fouts from *Anteris* p. 93, MUESEBECK in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.—*P. nilotica* sp. n. Egypt p. 132, PRIESNER Bull. Inst. Fouad 1er Désert 1 1951.

Scelio husseini p. 140, *aegyptiacus* p. 142, *wittmeri* p. 143, *striatus*, *cahirensis* p. 144, *difficilis*, *crassiceps*

p. 145, *nakhleensis* p. 146, *alfierii*, *poecilopterus* p. 147 spp. n. Egypt figs., PRIESNER t.c.—S. Latr. (= *Enneascelio* Kieff.) p. 303; key to Afr. spp. pp. 304–317; *princeps* Eritrea, *corion* p. 305, *gaudens* p. 309, *cheops* p. 315 Fr. Sudan, *antorides* p. 305, *habilis*, *marbis* p. 306 Cape Province, *popovi* Arabia p. 309, *chapmanni* Tanganyika p. 311, *taylori* p. 313, *tristis* Uganda spp. n.; *howardi* Crawf. (= *aburiensis* Kieff.) p. 314; *exaratus* K. from E. p. 313 figs., NIXON Trans. R. ent. Soc. Lond. 110.

Spalangia aenea see *Trimorus*.

Sparassion arnoldi sp. n. S. Rhodesia p. 144 figs., RISBEC Occ. Pap. nat. Mus. S. Rhod. 3 no. 22B.

Stictoteleia rugosus Prov. from *Paphagus* p. 93, PECK in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Telenomus insularis sp. n. Juan Fernández Is. p. 434 figs., OGLOBLIN Rev. chil. Ent. 5 1957.

Tetrabaesus gen. n. (Baeinae), *insularis* sp. n. Juan Fernández Is. p. 436 figs., OGLOBLIN t.c.

Trimorus aeneus Prov. from *Spalangia* p. 92, PECK in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

CERAPHRONIDAE (CALLICERATIDAE).

Basoko gen. n. p. 111, *africana* sp. n. Belg. Congo p. 112 figs., RISBEC Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 64.

Conostigmus yunquensis sp. n. Juan Fernández Is. p. 422 figs., OGLOBLIN Rev. chil. Ent. 5 1957.

Elysoceraphron hungaricus ♂ p. 82 figs., MASNER NachrBl. bayer. Ent. 6 1957.

Neoceraphron megacephala sp. n. Belg. Congo p. 109 figs., RISBEC Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 64.

DIAPRIIDAE (including BELYTIDAE).

Aclista madagascariensis var. *kenyae* ♀ p. 106, RISBEC Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 64.—*A. aquilonia* n. n. for *ashmeadi* Mues. &

Wkl. preocc.; *consimilis* n. n. for *similis* Ashm. 1897 nec 1893 p. 91, MUESEBECK in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Ceratopria Ashm. a good gen. not syn. of *Trichopria*; *bifoveolata* A., *floridana* A., *infuscatipes* A., *longiceps* A., *megaplasta* A., *pusilla* A. from T. p. 90, MUESEBECK in KROMBEIN & others t.c.

Entomacis Foerst. (= *Hemilexis* Foerst.) p. 90, MUESEBECK in KROMBEIN & others t.c.

Hemilexis see *Entomacis*.

Mitropria gen. n. (nr. *Doliopria*) p. 13, *coronata* sp. n. Argentina p. 14 figs., OGLOBLIN Neotropica 4.

Psilus cephalotes sp. n. Finland p. 1 fig., HELLÉN Notul. ent. 38.

Spilomicrinus gen. n. (nr. *Spilomicrus*), *rugulosus* (type) p. 425, *fernandezianus* p. 428, *similis* p. 430, *punctaticeps* p. 432 spp. n. Juan Fernández Is. figs., OGLOBLIN Rev. chil. Ent. 5 1957.

Spilomicrus celisi sp. n. Belg. Congo p. 107 figs., RISBEC Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 64.

Trichopria bifoveolata, *floridana*, *infuscatipes*, *longiceps*, *megaplasta*, *pusilla* see *Ceratopria*.

PROCTOTRUPIDAE (SERPHIDAE).

Diapriinae of Philippines from J.-J. Kieffer collection, KELNER-PILLAULT Bull. Mus. Hist. nat. Paris (2) 30: 418–421.

Proctotrupidae key to genn. of the World, MASNER Beitr. Ent. 8: 480.

Preliminary classification of Palearctic Proctotrupidae, PSCHORN-WALCHER Mitt. schweiz. ent. Ges. 31: 57–64.

Brachyserphus buccatus see *Cryptocodrus*.

Codrus (*Eocodrus* subgen. n.) p. 62, PSCHORN-WALCHER Mitt. schweiz. ent. Ges. 31.

Cryptocodrus gen. n. for *Brachyserphus* (*Proctotrupes*) *buccatus* Thoms. p. 59, PSCHORN-WALCHER t.c.

Disogmus afissa see *Watanabeia*.

Eocodrus subgen. n. (type *longicornis* Nees) see *Codrus*.

Notoserphus mirabilis characters p. 729 fig., PSCHORN-WALCHER Beitr. Ent. 8.

Parthenocodrus gen. n. for *Phaenoserphus* (*Proctotrupes*) *elongatus* Hal. p. 63, PSCHORN-WALCHER Mitt. schweiz. ent. Ges. 31.

Phaenoserphus (*Phanoserphus* p. 62, *Phaulloserphus* subgen. n.); *vexator* Nix. (= *subclavatus* Hellén) p. 63, PSCHORN-WALCHER t.c.—*P. elongatus* see *Parthenocodrus*.

Phanoserphus subgen. n. (type *calcar* Hal.) see *Phaenoserphus*.

Phaulloserphus subgen. n. (type *grogri* Tomšik) see *Phaenoserphus*.

Proctotrupes gladiator Hal. (= *hofferi* Tomšik) p. 61, PSCHORN-WALCHER Mitt. schweiz. ent. Ges. 31.—*P. scymni* see *Thomsonina*.

Ropronia key p. 113; *watanabei* sp. n. Sakhalin p. 112 fig., YASUMATSU Ins. matsum. 21.

Thomsonina group of genn. taxonomy and phylogeny discussed pp. 724–731; *scymni* Ashm. (= *Proctotrupes* (*Phaenoserphus*) *scymni* A.) p. 728; *boops* characters p. 727 figs., PSCHORN-WALCHER Beitr. Ent. 8.—*T. boops* Thoms. (= *scymni* Ashm.) p. 60, PSCHORN-WALCHER Mitt. schweiz. ent. Ges. 31.

Watanabeia gen. n. (compared with *Nothoserphus*) for *Disogmus afissa* Wtnb. p. 478 figs., MASNER Beitr. Ent. 8.—*W. epilachnae* sp. n. Java, China; *afissa* characters p. 728 figs., PSCHORN-WALCHER Beitr. Ent. 8.

Chalcidoidea.

Key to the clover seed Chalcid and its North American parasites, BUTLER & HANSEN Pan-Pacif. Ent. 34: 224, 5 figs.

Keys to Chalcidoidea of Hungary, ERDŐS 1955 Magyar. Állatv. 12 (2): 1–48, 19 figs.

The families of Chalcidoidea (pleura as distinguishing character), FERRIÈRE Proc. 10th int. Congr. Ent. Montreal 1956 1: 271–273, 1 fig.

British Chalcidoidea, with keys (key to famm. p. 5), FERRIÈRE & KERRICH Handb. Ident. Br. Ins. 8 pt. 2 (a): 1–40, 4 pls., 79 figs.

Chalcidoidea reared from *Chionaspis salicis* L., HEQVIST Ent. Tidskr. 79: 55–57, 3 figs.

Some Chalcidoidea from the Cluj district, RADU & BOȚOC Comun. Acad. Repub. rom. 8: 61–70, 5 figs.

Chalcidoidea from the Belg. Congo, RISBEC Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 64: 91–105, 9–11 figs.

TORYMIDAE (CALLIMOMIDAE).

Diomorus magnificus var. *africanus* ♂ p. 103, RISBEC Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 64.

Iridophaga key p. 289; *lamborni* sp. n. Nyasaland p. 290; *korsakovi* Pic (= *Podagrion blepharodesi* Risb.) p. 291 figs., FERRIÈRE Bull. Ann. Soc. R. Ent. Belg. 94.

Mantiphaga key; *capensis* sp. n. Pondoland p. 287 figs., FERRIÈRE t.c.

Megastigmus ezomatsuanus sp. n. Japan p. 115 figs., HUSSEY & KAMIJO Ins. matsum. 21.—*M. chamaecyparidis* p. 31, *tsugaphilus* p. 32 spp. n. Japan figs., KAMIJO Ins. matsum. 22.

Pachytomoides key; *ghesquierei* p. 278, *polyspilota* p. 283, *kivuensis* Belg. Congo, *turneri* Pondoland p. 285, *seyrigi* Madagascar p. 281 spp. n. figs., FERRIÈRE Bull. Ann. Soc. R. Ent. Belg. 94.

Plastotorymus amygdali sp. n. Jordan p. 583 fig., BOUČEK Acta ent. Mus. nat. Pragae 32.

Podagrion blepharodesi see *Iridophaga korsakovi*.

Podagrioninae transferred from Podagrionidae p. 73, BURKS in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Roptrocerus Ratz. transferred from Pteromalidae p. 76, BURKS in KROMBEIN & others t.c.—*R. xylophagorum* Ratz. (= *rectus* Prov.) p. 76, PECK in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

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Chalcididae of Lazio, Italy (list), CASTELLANI 1938 Boll. Soc. venez. Stor. nat. 1: 207-209.

Brachymeria multicolor re-description p. 275; *tibialis* sp. n. (with var. n. *stigmosa* p. 279) Madagascar p. 278 figs., STEFFAN Entomophaga 3.

Spilochalcis side early stages pp. 591-594 figs., ARTHUR Canad. Ent. 90.

Tanyecoryphus baumi sp. n. W. Africa p. 483 figs., BOUČEK Acta ent. Mus. nat. Pragae 32.

Tropimeris monodon sp. n. India, Sunda Is. p. 481; *excavata* characters p. 483 figs., BOUČEK t.c.

EURYTOMIDAE.

Anarchirileya see *Archirileya*; *femorata* see *A.*

Archirileya Silv. (= *Anarchirileya* Bouč.); *femorata* B. from *Anarchirileya* S. (= *Sidonia podagrica* Erd.) p. 402, BOUČEK Acta ent. Mus. nat. Pragae 32.

Biró-Lajosia see *Nikanoria*; *metallica* see *N.*

Bruchophagus key to USSR spp. developing in leguminous seeds pp. 1347-1351 figs., FEDOSEEVA Zool. Zhurn. 37.

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Heimbra opaca (given as *opacas*) Ashm. from *Euperilampus* (Perilampidae) p. 82, BURKS in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Isosoma crassicornis see *Tetramesa*.

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Nikanoria Nikolsk. (= *Biró-Lajosia* Erd.); *metallica* Erd. from *B.-L.* p. 402, BOUČEK Acta ent. Mus. nat. Pragae 32.

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Tetramesa Wlk. (Thomson's key p. 82) (= *Harmolita* Motsch., *Isthmosoma* Hed.); *crassicornis* W. (♀ re-description) (= *iabas* W.) from *Isosoma* p. 84 figs., CLARIDGE Ent. mon. Mag. 94.

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Chrysolampus thenae Wlk. (= *obscurus* W.), *rufitarsis*, *shurik* distinguishing characters p. 83 figs., KERRICH Opusc. ent. 23.

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Psyllaephagus goarini sp. n. (with var. n. *leroyi* Belg. Congo p. 99) Madagascar p. 98 figs., RISBEC Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 64.

Psyllechthrus gen. n. (Arrhenophaginae) p. 276, *oophagus* sp. n. Belg. Congo p. 278 figs., GHESQUIÈRE Proc. 10th int. Congr. Ent. Montreal 1956 1.

Rhopomorphus gen. n. (nr. *Doliphoceras*), *varleyellus* sp. n. England p. 25 figs., GHESQUIÈRE Proc. R. ent. Soc. Lond. (B) 27.

Rhopus desantisiellus sp. n. Argentina p. 18 figs., GHESQUIÈRE Neotropicalia 3 1957.

Thomsonisca chinaspidis sp. n. (reared from *Chionaspis salicis* Hem., Coccid.) Sweden p. 55 figs., HEQVIST Ent. Tidskr. 79.

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Foersterella erdoesi sp. n. N. & Centr. Europe p. 69 figs., BOUČEK Acta ent. Mus. nat. Pragae 32.—*F. agromyzae* see *Tetracampe*; *elongata* see *Dipriocampe*.

Geniocerus szöcsi sp. n. Hungary p. 221 fig., ERDŐS Acta zool. 3.

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Pediobius Wlk. (= *Pseudacrias* Grt., *Pseudacriasoides* G. p. 68, *Epileurotropis* G.); *aphidiphagus* Ashm. from *Entedon* p. 69, BURKS in KROMBEIN & others Agric. Monogr. U.S.

Dep. Agric. no. 2.—*P. linus* Wlk. (= *grandii* Ferr.) p. 260, DELUCCHI Entomophaga 3.—*P. cassidae* p. 282, *diluticus* p. 284 spp. n. France figs., ERDŐS Bull. Soc. ent. Fr. 62.

Platynocheilinae subfam. n. p. 49, BOUČEK Acta ent. Mus. nat. Pragae 32.

Platynocheilus cuprifrons Nees (= *erichsonii* Westw.) p. 53; *gravenhorsti* characters p. 50 figs., BOUČEK t.c.

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Rhopalotus plagiotrochi p. 284, *sublaevis* p. 286 spp. n. France figs., ERDŐS Bull. Soc. ent. Fr. 62.

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Sympiesis sericeicornis Nees nec Thoms. (= *punctipleura* T.) p. 209, ERDŐS Acta zool. 3.

Tetracampe agromyzae Risb. from *Foersterella* p. 87, BOUČEK Acta ent. Mus. nat. Pragae 32.—*T. diprioni* see *Dipriocampe*; *nomocerus* see *Epiclerus*.

Tetrastichodes populi sp. n. Hungary p. 222 fig., ERDŐS Acta zool. 3.

Tetrastichus pygmaeolus n. n. for *pygmaeus* Erd. nec Thoms. p. 221, ERDŐS t.c.—*T.* & allied genn. of Africa & Madagascar (key pp. 14–27) pp. 9–67; *zala* p. 43, *anosibei* p. 45, *voalokae* p. 46, *raphanusae* p. 52, *philippiae* p. 56, *trisetae* p. 62, *toddaliae* p. 64, (*Aprostocetus* Westw. a subgen. p. 14) *aphloiae* p. 37, (*A.*)

ambilobei p. 40 Madagascar, *rufiventris* p. 41, *kivuensis* p. 48, *benoitii* p. 50, *paulisiensis* p. 53, *rugosus* p. 54, *rwanki* p. 58, *basokoi* p. 60, (*A.*) *leroyi* p. 33 spp. n.; (*A.*) *muhavurae* var. n. *brunnea* (also Ruanda), *citrea* p. 36; *tonkoui* var. n. *kivuensis* p. 59 Belg. Congo, *fantsikalae* p. 60; *magnus* var. n. *acaciae* p. 58 Madagascar; *sesamiae* var. n. *angolensis* Angola p. 48; (*Tetrastichodes* Ashm. a subgen. not syn.) p. 13; *psiadiae* n. n. for *pauliani* Risb. preocc. p. 39 figs., RISBEC Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 64.—*T. sceliphroni* p. 94, (*Aprostocetus*) *dineuri* (*negetae* distinguishing characters p. 97) p. 95 spp. n. Belg. Congo figs., RISBEC t.c.—*T. graminicola* sp. n. Madagascar p. 248, RISBEC Rev. Path. vég. 36.—*T. endofiticus* p. 103, *garganus* p. 115 spp. n. Italy figs., DOMENICHINI Boll. Ist. Ent. Univ. Bologna 22.—*T. grangeri* sp. n. France p. 286 fig., ERDŐS Bull. Soc. ent. Fr. 62.—*T. floridae*, *oncideridis* see *Aprostocetus*.

Thripoctenoides gaussi sp. n. Germany p. 321 figs., FERRIÈRE Mitt. schweiz. ent. Ges. 31.

MYMARIDAE.

Anaphoidea addita, *apilosa*, *compressa*, *globosa*, *minima*, *obscura*, *reducta*, *semimedia*, *valkenburgica* see *Mariella*; *brunnea*, *conferta*, *gerrisophaga*, *longiclava* see *Patasson*.

Antoniella gen. n. for *Fulmekiella stubaiensis* Soyka (type), *aterrima* S., *discolor* S., *lata* S., *minor* S., *nigerrima* S., *ornata* S., *ovata* S., *pallida* S.; *aestiva* Silesia, *declinata* Holland p. 121, *discolorisimilis* p. 122 Germany spp. n., SOYKA Ent. NachrBl., Burgdorf 3 1950.

Caraphractus cinctus early stages (*Chrysocharis* sp. (Euloph.) larva compared) p. 17 figs., JACKSON J. Soc. Brit. Ent. 6.

Crennomymar alticola p. 418, *nigriclavus* p. 420 spp. n. Juan Fernández Is. figs., OGLOBLIN Rev. chil. Ent. 5 1957.

Fulmekiella stubaiensis, *aterrima*, *discolor*, *lata*, *minor*, *nigerrima*, *ornata*, *ovata*, *pallida* see *Antoniella*.

Gonatocerus see *Lymaenon*.

Lymaenon Hal. the valid name for *Gonatocerus* auctt. nec Nees p. 63, BURKS in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Mariella gen. n. for *Anaphoidea addita* Soyka, *apilosa* S., *compressa* S., *globosa* S., *minima* S., *obscura* S., *reducta* S., *semimedia* S., *valkenburgica* S.; *superaddita* (type) Silesia p. 123, *timida* Austria p. 124 spp. n., SOYKA Ent. NachrBl., Burgdorf 3 1950.

Oncomymar gen. n. (Cremnomy-marini), *dipteron* sp. n. Juan Fernández Is. p. 414 figs., OGLOBLIN Rev. chil. Ent. 5 1957.

Patasson brunnea Doutt, *conferta* D., *gerrisophaga* D., *longiclava* D. from *Anaphoidea* p. 63, BURKS in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Stammeriella gen. n. (resembles *Ferrierella*), *wolfsthalii* sp. n. Austria p. 120, SOYKA Ent. NachrBl., Burgdorf 3 1950.

Xenomymar key to Argentine spp. p. 43; *maculipennis* p. 37, *elongatus* p. 39, *pusillus* p. 40, *platensis* p. 42 spp. n. Argentina figs., OGLOBLIN Neotropica 3 1957.

Cynipoidea.

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Figitidae of Finland (key to subfam. & genn. p. 53, keys to spp.), HELLÉN Notul. ent. 38: 52-60.

Cynipidae of Rumania (table p. 225), IONESCU Proc. 10th int. Congr. Ent. Montreal 1956 1: 223-230.

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Andricus corruptrix f. n. *larshemi*; *lignicolus* f. n. *vanheurni* Holland p. 102 figs., DOCTERS VAN LEEUWEN & DEKHUIJZEN-MAASLAND Tijdschr. Ent. 101.

Aylax? nemorosae sp. n. Hungary pp. 5, 10, BALÁS in DOMOKOS Borbásia nova 4 1940.

Dilyta subclavata Först. (= *Glyptoxysta heterocera* Thoms.) p. 64, HELLÉN Notul. ent. 38.

Ganaspis of Czechoslovakia (key to Palaearctic spp. p. 278) pp. 264-279; *dubia* p. 269, *hofferi* p. 274, *semiclausula* p. 275 spp. n. Czechoslovakia figs., MASNER Acta Soc. ent. Čsl. 55.

Glyptoxysta heterocera see *Dilyta subclavata*.

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Pimplinae new to Rumania, CONSTANTINEANU & others Comun. Acad. Repub. rom. 8: 295-304, 6 figs.

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Indian Gelinae (n. n. for Cryptinae Cress. p. 16), NARAYANAN & KUNDAN LAL Proc. Indian Acad. Sci. (B) 47: 15-30.

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Cryptinae of Madagascar (key to tribb. p. 12), SEYRIG 1952 Mém. Acad. malgache 19 [39]: 1-213, 61 figs.

Ichneumonidae of Micronesia (distribution list p. 37, key to subfam. p. 39), TOWNES Ins. Micron. 19 no. 2: 35-81, 12 figs.

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Afretha gen. n. (Cryptini) (in key) p. 198, *excavata* sp. n. Madagascar p. 202 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Afrocryptus gen. n. (Cryptini), *imperialis* sp. n. Madagascar p. 162 fig., SEYRIG t.c.

Agrypon key to spp. p. 48; *facetum* End. (= *taniguchiae* Uch.) p. 51; *triangulum* p. 52, *nambui* p. 54, *crassifemur*, *satoi* p. 55, *nigricornis* p. 56, *tosense*, *hakusense* p. 57 spp. n. Japan, UCHIDA Ins. matsum. 22.—*A. alaskensis* Ashm., *provancheri* Dalla T. from *Gravenhorstia* p. 61, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Allocamptus triangularis see *Dicamptus*.

Allocota protector sp. n. Madagascar p. 130 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Allophrys breviventris sp. n. Finland; *boops* characters p. 17, HELLÉN Notul. ent. 38.

Amblyteles tricolor sp. n. Korea p. 446 figs., KIM Comm. Theses 15th Anniv. Korea Univ. 1955.—*A. albo-maculata* ♀ p. 298, KIM Humanit. & Sci., Korea Univ. 3.

Anepomias gen. n. (Cryptini) (in key) p. 198, *splendidus* sp. n. Madagascar p. 201 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Aneucelis spp. of Finland (key p. 21) pp. 20-22; *affinis*, *lutericornis* spp. n. Finland p. 22, HELLÉN Notul. ent. 38.

Anisobas hostilis var. n. *nigro-scutellatus* Rumania p. 248 fig., CONSTANTINEANU & others An. ști. Univ. Iași (N.S.) (2) 3 1957.

Anomalon exrufum n. n. for *rufum* Prov. nec Hlmgr. p. 62, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.—*A. laetatorius* see *Diplazon*.

Aoplus salvus, s. *bioculatus*, s. *pallidipennis* see *Stenichneumon*.

Apanteloctonus gen. n. (Hemitelini), *albiscapus* sp. n. Madagascar p. 315 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Aphanistes key to spp. p. 103; *shikaribetsensis* p. 104, *wadai*, *iwatai* p. 105, *tricolor*, *bellicoides* p. 107 Japan, *coreanus* Korea p. 108 spp. n.; *ruficornis* Grav. (= *orientalis* var. *asahidakeanus* Uch.) p. 106, UCHIDA Ins. matsum. 21.

Arearia gen. n. (Stilpnini) p. 17, *paradoxa* sp. n. Madagascar p. 18 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Astiphromma Först. (= *Pseudo-acoenitus* Kiss); *varipes* Hlmgr. (= *P. transsylvanicus* K.) p. 237, BAJÁRI Ann. hist.-nat. Mus. hung. (N.S.) 9.

Atractodes brevicornis sp. n. Germany p. 185 fig., BAUER Beitr. Ent. 8.—*A. ebeninus* n. n. for *niger* Ashm. nec Brullé p. 45, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Barichneumon deceptor var. n. *nigro-faciatus*; *callicerus* var. n. *nigrifemur* p. 244; *incubitor* (also given as *incubitor*) var. n. *albopostscutellatus* p. 245 Rumania figs., CONSTANTINEANU & others An. ști. Univ. Iași (N.S.) (2) 3 1957.

Bassus clotho, *multicolor*, *orientalis*, *tricinctus*, *varicoxa* see *Diplazon*.

Betsifia gen. n. (Cryptini) p. 207, *orbitalis* sp. n. Madagascar p. 209 figs., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Blaptocampus key to spp. p. 98; *sonani* Formosa, *maxillaris* Japan spp. n. p. 99, UCHIDA Ins. matsum. 21.

Bodedia gen. n. (Hemitelini) (key p. 73) p. 72; *striata* (type) (with subspp. n. *rufiventris*, *rogeziana* p. 75) p. 74, *variicoxa* p. 75, *minor* p. 76, *brevithorax* (with subspp. n. *ankaratrae*) p. 77, *dimorpha* p. 78, *mediosculpta* p. 79, *gracilior* (with subspp. n. *perinetiana*) p. 80, *incrassata* (with subspp.

n. picta), *refractaria* p. 81 spp. n. Madagascar, SEYRIG Mém. Acad. malgache 19 [39] 1952.

Bozakites gen. n. (Cryptini), *ruficeps* sp. n. Madagascar p. 174 fig., SEYRIG t.c.

Brachycyrtus luteoniger sp. n. (with subsp. n. *fianarensis* p. 16) Madagascar p. 15 fig., SEYRIG t.c.

Brephoctonus see *Plectiscus*.

Caenaulax key to new spp. p. 105; *pygidior* p. 106, *ardator*, *sulcator* p. 107, *extinctor*, *annulator* p. 108 spp. n. Madagascar, SEYRIG Mém. Acad. malgache 19 [39] 1952.

Callajoppa unicolor ♀ p. 435 figs., KIM Comm. Theses 15th Anniv. Korea Univ. 1955.

Campoletis provancheri Vier. the valid name for *distincta* Prov. nec Cress. p. 60, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Campoplegida wilsoni sp. n. Victoria (Aust.) p. 79, PARROTT Mem. nat. Mus. Vict. no. 21 1957.

Campoplex ecocalis n. n. for *coxalis* Cushman, nec Spin.; *eruficinctus* n. n. for *ruficinctum* Vier. nec Grav.; *laevissima* V. the valid name for *nigripes* V. nec G.; *mellipes* Prov. the valid name for *rufipes* P. nec G. p. 59, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Ceratella gen. n. (Cryptini) p. 161, *anteforealis* sp. n. Madagascar p. 162 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Ceratodolius gen. n. (Cryptini) (in key), *carinidens* sp. n. Madagascar p. 184 fig., SEYRIG t.c.

Ceratophenax gen. n. (Cryptini) (in key) p. 167, *acutidens* sp. n. Madagascar p. 169 fig., SEYRIG t.c.

Charitopimpla sericata nomenclature corrected p. 232, SMITHERS J. ent. Soc. S. Afr. 21. [Cf. Z.R. 93 1956 No. 2870.]

Chreusa fulvipes, *lutea* see *Hemigaster*.

Cidaphus barbarica Morl. from *Tetragonalys* p. 270, NARAYANAN & KUNDAN LAL Proc. Indian Acad. Sci. (B) 48.

Clypeites gen. n. (Cryptini) (in key) p. 158, *bidens* (type), *collaris* spp. n. Madagascar p. 164 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Coccygodes gen. n. (in key) p. 193, SEYRIG t.c.

Coelichneumon nigronidicum sp. n.; *centomaculatus* f. n. *coreanus* Korea p. 437 figs., KIM Comm. Theses 15th Anniv. Korea Univ. 1955.—*C. tentator* further description p. 461, BAUER Beitr. Ent. 8.

Coelichneumonops gen. n. (nr. *Coelichneumon*), *vockerothi* (type) Quebec, New Hampshire p. 739, *cashmani* Yukon p. 740 spp. n., HEINRICH Canad. Ent. 90.

Coleoprosopon pectinatum sp. n. Germany p. 181 figs., BAUER Beitr. Ent. 8.—*C. subgen.* n. (type not given) see *Trichocalymmus*.

Collyria calcitrator Gr. (= *c. nigrifemur* Kiss) p. 237, BAJÁRI Ann. hist.-nat. Mus. hung. (N.S.) 9.

Cratichneumon nigrarius var. *bilineatus* n. n. for *Ichneumon aethiops* var. 1 Grav.) p. 239; *fabricator* var. n. *nigroscutellatus*, *nigrifrons* Rumania p. 240 figs., CONSTANTINEANU & others An. şti. Univ. Iaşi (N.S.) (2) 3 1957.

Cremastus Grav. (= *Zaleptopygus* Vier.) p. 65, TOWNES Ins. Micron. 19 no. 2.—*C. forbesi* Weed (= *tortricidis* Cushman) p. 61, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.—*C. flavo-orbitalis* see *Trathala*; *attenuatus* see *Neleothymus*; *shirakii*, *pictus* & other spp. see *Temelucha*.

Cryptini key to genn. groups p. 156, SEYRIG Mém. Acad. malgache 19 [39] 1952.

Cryptus madecassus sp. n. Madagascar p. 159 fig., SEYRIG t.c.—*C. eleucopus* n. n. for *leucopus* Ashm. nec Gmel. p. 46, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.—*C. notulatorius* see *Echthromorpha*.

Ctenichneumon seoulensis sp. n. Korea p. 450 figs., KIM Comm. Theses 15th Anniv. Korea Univ. 1955.

Cubocephalus Ratzb. (= *Microcryptus* Thoms.); *tosaensis* Uch. (a

var. of *punctulatus*), *castanis* Kim from M. p. 4, KIM Humanit. & Sci., Korea Univ. 3.—*C. galactinus* Grav. from *Microcryptus* p. 29, NARAYANAN & KUNDANLAL Proc. Indian Acad. Sci. (B) 47.—*C. armillatus* n. n. for *collaris* Prov. nec Rud. p. 45, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Cyanodolius gen. n. (Cryptini) (in key), *metallicus* sp. n. Madagascar p. 193 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Desia gen. n. (Cryptini), *subtilis* sp. n. Madagascar p. 193 fig., SEYRIG t.c.

Diadromus varicolor (re-description) ff. n. *brunneicornis*, *rufoscutellata* p. 26; v. subsp. n. *meridionator* p. 27 France, AUBERT & LABEYRIE Bull. Soc. ent. Mulh. 1958.—*D. rubellus* var. n. *nigroscutellatus* Rumania p. 252 fig., CONSTANTINEANU & others An. şti. Univ. Iaşi (N.S.) (2) 3 1957.

Diaglyptella gen. n. (Phygadeuonini) (key p. 41) p. 39, *quadriscutata* (type) p. 41, *seminigra*, *olsoufieffi*, *trisulcata* p. 43 spp. n. Madagascar fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Diaparsis coreanus see *Trathala*.

Diatora lissonota Vier. (= *Zapara-phylax perinae* V., *Microtoridea secunda* Cushman., *Hemiteles guamensis* Fullaw.) p. 56 fig., TOWNES Ins. Micron. 19 no. 2.

Dicaelotus pusillus var. n. *bilineatus* Rumania p. 250 fig., CONSTANTINEANU & others An. şti. Univ. Iaşi (N.S.) (2) 3 1957.

Dicamptus triangularis from *Allo-camptus* p. 73, TOWNES Ins. Micron. 19 no. 2.

Didiaspis gen. n. (Cryptini) (in key) p. 187, *fundamentalis* sp. n. Madagascar p. 189 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Diodontops gen. n. (Hemitelini) p. 90, *cubiceps* sp. n. Madagascar p. 91 fig., SEYRIG t.c.

Diplazon bizonarius Grav., *ich-neumonoides* Prov., *rufiventris* G. from *Zootrephus* p. 57, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.—*D. laetatorius*

F. from *Anomalon*; *clotho* Morl. p. 274, *multicolor* Grav., *orientalis* Cam. p. 277, *tricinctus* G., *varicoxa* Thoms. p. 278 from *Bassus*, NARAYANAN & KUNDAN LAL Proc. Indian Acad. Sci. (B) 48.

Echthtrini trib. n. (Gelinae) pp. 19, 25; Gelini, Mesostenini distinguishing characters p. 18, NARAYANAN & KUNDANLAL op. cit. (B) 47.

Echthrolaricobius gen. n. (Phrudini) p. 146, *paradoxus* sp. n. Switzerland, Germany p. 147 figs., PERKINS in FRANZ Entomophaga 3.

Echthromorpha agrestoria (key to Micronesian subsp. p. 43) subsp. n. *trukensis* Truk I. p. 45; *conopleura* Krieg. pp. 42, 46, *immaculata* K. p. 42, *pallidilineata* Cam., *samoana* Cushman., *semper* K. pp. 43, 45, *fuscator* F. (from *Ichneumon*), *hyalina* Sauss. (from *Stagmopimpla*), *notul-latorius* F. (from *Cryptus*), *insidiator* Smith, *macula* Brullé p. 42, *variegata* B., *vittata* B. (from *Pimpla*, *platymischa* Vach. (= *N. inermis* Morl.) (from *Notiopimpla*) subsp. of *agrestoria*; *uapu* Perk. a subsp. of *agr. not marquisensis* p. 43; *marq.* Cheesm. a subsp. of *agr. not atrata*; *occidentalis* K. a subsp. of *agr. not a var. of variegata* p. 42, TOWNES Ins. Micron. 19 no. 2.

Endasys senilis ♀ p. 184, BAUER Beitr. Ent. 8.

Enicospilus of the Oriental region (key pp. 3–11) pp. 1–79; *iracundus* Ryukyu Is. p. 17, *zyzzus* (also Japan) p. 23, *tenuinubeculus* p. 34, *quintuplex* p. 61 Fukien, *fossatus* Malaya p. 63, *gephyrus* p. 32, *saepis* (also Formosa) p. 77, *multidens* Japan, *sigmatoides* p. 75, *seniculus* p. 71, *ranunculus* Korea, *tripartitus* (also Fukien etc.) p. 36, *unifomis* p. 25, *nasutus* p. 65 (also Japan), *transversus* p. 14, *laticarinatus* p. 19, *relictus* p. 20, *maai* p. 22, *exaggeratus* p. 24, *fusiformis* p. 27, *flatus* p. 28, *leetoni* p. 38, *receptor*, *glabrifacies* p. 40, *concavus* p. 45, *selmatos* p. 50, *bullatus* p. 53, *obliquus* p. 54, *zeugos* p. 64, *chalas-matos* p. 69, *crucis* p. 70, *molopos* Formosa spp. n.; *sauteri* End. p. 57, *shinkanus* p. 17, *isschikii* p. 42, *uchidae* (n. n. for *nigropictus* var. *fuscus* Uch. preocc.) p. 49 ♂♂; *tainanensis* p. 44,

cushmani (n. n. for *sauteri* Cushm. nec End.) p. 45, *gyochiensis* p. 53 ♀♀; *yanagiharai* re-description p. 62; *orientalis* p. 11, *bifasciatus* p. 55, *analis* p. 61, *centralis* p. 79, *triguttatus* p. 31, *flavocephalus* further characters; *nigropictus* Mats. (= *flavoplagiatus* Cushm.) p. 47; *striatus* Cam. (= *nigrimarginalis* Cushm.) p. 31; *shikokuensis* Uch. raised to sp. not var. of *combustus* p. 72 figs., CHIU Bull. Taiwan agric. Res. Inst. no. 13 1954. —E. revision of USSR spp. pp. 215–221; *semenovi* Kok. (= *dignus* Shestk., *flexuosus* Sh. p. 217); *ahngerii* Kok. (= *captivus* Shestk. p. 217, *affectatus* Shestk.); *variegatus* Szepl. (= *przewalskii* Kok.); *variicarpus* Kok. (= *minor* Kok.); *rossicus* Kok. (= *contributus* Shestk. p. 218) analysis p. 219; *ramidulus* L. (= *instabilis* Kok., *merdarius* Grav., *combustus* G.) p. 219; *ocellatus* Shestk. a good sp. not syn. of *repentinus* p. 218 figs., VIKTOROV Zool. Zhurn. 37.—E. key to Micronesian spp. p. 74; *pilatus* sp. n. Yap I. p. 76 fig., TOWNES Ins. Micron. 19 no. 2.—E. *excubitalis* n. n. for *cubitalis* Mrly. nec Szépl. p. 62, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Euceros of Japan (key to spp. p. 129) pp. 129–133; (*E.*) *sapporensis* varr. n. *kinugawensis* p. 131, *kiushuensis* p. 132 Japan fig., UCHIDA Mushi 32.

Eutanyacra valdenigra sp. n. Quebec p. 740, HEINRICH Canad. Ent. 90.

Exetastes hastatus sp. n. Centr. Asia p. 1505 figs., VIKTOROV Zool. Zhurn. 37.—E. *variegatus* Szépl. a var. of *gracilicornis* p. 239, BAJÁRI Ann. hist.-nat. Mus. hung. (N.S.) 9.

Exidechthis n. n. for *Idechthis* Foerst. nec Hb.; *canescens* Grav. from I. p. 59, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Exochus montanus n. n. for *alpinus* Cushm. nec Zett.; *pictilis* n. n. for *pictus* Fyles nec Hlmgr. p. 59, WALKLEY in KROMBEIN & others t.c.

Fianonia gen. n. (Phygadeuonini), *problematica* sp. n. Madagascar p. 31, SEYRIG Mém. Acad. malgache 19 [39] 1952.

Fitatsia gen. n. (Cryptini), *desperator* sp. n. Madagascar p. 185 fig., SEYRIG t.c.

Fotsiforia gen. n. (Cryptini), *carinifrons* sp. n. Madagascar p. 190 fig., SEYRIG t.c.

Foveolia gen. n. (Cryptini), *frotei* sp. n. Madagascar p. 165 fig., SEYRIG t.c.

Gabia gen. n. (Hemitelini) p. 137, *destructor* (type) p. 138, *pugnator* p. 139 spp. n. Madagascar fig., SEYRIG t.c.

Gelini N. & K. (= Hemitelini Ashm., Phygadeuonini A., Stilpnini A. p. 19), Echthtrini, Mesostenini distinguishing characters p. 18, NARAYANAN & KUNDANLAL Proc. Indian Acad. Sci. (B) 47.

Glypta clypeodentata sp. n. Germany p. 187 figs., BAUER Beitr. Ent. 8.

Gnathichneumon gen. n. (nr. *Dicaelotus*) p. 64, *mandibulator* sp. n. France p. 65 fig., AUBERT Bull. Soc. ent. Mulh. 1958.

Gravenhorstia alaskensis, *provancheri* see *Agrypus*.

Habromma see *Phygadeuon*.

Handaoia gen. n. (Phygadeuonini) (key p. 27) p. 26, *spinosa* (type), *gracilior* p. 28, *brevipennis*, *elongata* p. 29, *flexibilis*, *arenacea* p. 30, *rufovarva* p. 31 spp. n. Madagascar, SEYRIG Mém. Acad. malgache 19 [39] 1952.

Hegemonites gen. n. (Cryptini) (in key) p. 167, *elongata* (type), *contractor* spp. n. Madagascar p. 172 fig., SEYRIG t.c.

Hemigaster fulvipes Cam., *lutea* C. from *Chreusa* p. 27, NARAYANAN & KUNDANLAL Proc. Indian Acad. Sci. (B) 47.

Hemisphragia gen. n. (Cryptini) (in key) p. 204, *trianguliferus* sp. n. Madagascar p. 207 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Hemiteles key to new spp. p. 150; *clarificator* p. 151, *mimator* p. 152, *seductor*, *postulator* p. 153 spp. n. Madagascar fig., SEYRIG t.c.—*H. pastranai* sp. n. Argentina p. 108 figs., MILLÁN & DE SANTIS Rev. Invest. agríc., B. Aires 12.

Hemitelini key to genn. pp. 66–69, SEYRIG Mém. Acad. malgache 19 [39] 1952.—See Gelini.

Herpestomus neirae sp. n. Spain p. 15 figs., CEBALLOS Bol. Serv. Plagas forest. 1.

Holia gen. n. (Cryptini), *brutalis* sp. n. Madagascar p. 184 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Homocidus dimidiatus, *ornatus*, *tarsatorius* see *Syrphoctonus*.

Homoporus cinctus see *Syrphoctonus*.

Ichneumon sarcitorius ? var. n. *albatus*; *extensorius* var. n. *transitorius* Rumania p. 238 figs., CONSTANTINEANU & others An. şti. Univ. Iaşi (N.S.) (2) 3 1957.—*I. favoniuse* sp. n. (*plebejuse* compared p. 111) Japan p. 109 fig., UCHIDA Ins. matsum. 21.—*I. festus* Cress. the valid name for *bipunctatus* C. nec Gmel. p. 51; *nigriculus* n. n. for *nigratorius* F. nec Müll. p. 52, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.—*I. aethiops* var. 1 see *Cratichneumon nigrarius* var. *bilineatus*; *fuscator* see *Echthromorpha*.

Idechthis niger sp. n. Palau I. p. 63, TOWNES Ins. Micron. 19 no. 2.—*I.* see *Exidechthis*; *canescens* see *E.*

Idiogramma titana sp. n. California p. 159, BURDICK Pan-Pacif. Ent. 34.

Ilobia gen. n. (Cryptini), *lugatoria* sp. n. Madagascar p. 167, SEYRIG Mém. Acad. malgache 19 [39] 1952.

Indovia gen. n. (Hemitelini) p. 132, *decorata* (type) p. 133, *exsculpta* p. 134 spp. n. Madagascar fig., SEYRIG t.c.

Ischnurgops ornatus sp. n. (reared from *Pachynematus scutellatus* cocoon, Tenthr.) Czechoslovakia pp. 319, 324 figs., KRÍSTEK & OBRTEL Zool. Listy 7 (21).

Ischnus fraterculus tricircularis n. n. for *3-annulatus* Prov. nec Grav. p. 46, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Isochresta see *Phygadeuon*.

Itopectis europeator sp. n. France p. 13 figs., AUBERT Bull. Soc. ent. Mulh. 1958.—*I. oeceticola* Brèthes, *beherensiella* Blanch. from *Pimpla*

p. 108, MILLÁN & DE SANTIS Rev. Invest. agric., B. Aires 12.

Ivondrites gen. n. (Cryptini), *fugator* sp. n. Madagascar p. 186, SEYRIG Mém. Acad. malgache 19 [39] 1952.

Labrorychus key to spp. p. 43; (*L.*) *longipropodeum* p. 44, (*L.*) *toyamensis*, (*L.*) *tosensis* p. 45, (*L.*) *halpee* p. 46 spp. n. Japan, UCHIDA Ins. matsum. 22.

Lapton femoralis Nees (= *Phaenolobus fulvicornis* var. *nigricornis* Kiss) p. 236, BAJÁRI Ann. hist.-nat. Mus. hung. (N.S.) 9.

Lavinifa gen. n. (Cryptini) (in key) p. 202, *rufiventris* sp. n. Madagascar p. 204 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Leipaulus see *Plectiscus*; *suffuscus* see *P.*

Lemurella gen. n. (Cryptini), *nigrogenis* sp. n. Madagascar p. 178 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Lienella key to new spp.; *caudatoria* p. 112, *latratoria* p. 113, *fossoria* p. 114, *mimatoria* p. 116 spp. n. Madagascar fig., SEYRIG t.c.

Lissonota tegularis Cress. the valid name for *rufipes* C. nec Brischke p. 53, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Madastenus gen. n. (Cryptini) p. 172, *nigrinotus* sp. n. Madagascar p. 173 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Mamelia gen. n. (Hemitelini) p. 126, *velox* sp. n. Madagascar p. 127, SEYRIG t.c.

Marakelia gen. n. (Hemitelini) (keys p. 118) p. 117, *albatoria* (type) p. 119, *nigratoria* p. 120, *cinctoria* p. 121, *rufatoria* (with subspp. n. *obscurior*, *exsculpta* p. 123) p. 122, *atratoria* p. 123 spp. n. Madagascar, SEYRIG t.c.

Mascarella gen. n. (Cryptini) p. 176, *purgatoria* sp. n. Madagascar p. 177 fig., SEYRIG t.c.

Mavia gen. n. (Cryptini) p. 170, *curvicauda* sp. n. Madagascar p. 172 fig., SEYRIG t.c.

Melanichneumon albosignatus var. n. *bipunctatus* p. 242; *extremator* var. n. *nigrifrons* p. 243 Rumania figs., CONSTANTINEANU & others An. şti. Univ. Iaşi (N.S.) (2) 3 1957.—*M. albomaculata* sp. n. Korea; *irritator* Smith (= *leucaniae* f. *albivalvus* Uch.) p. 444 fig., KIM Comm. Theses 15th Anniv. Korea Univ. 1955.—*M. mucronatus* Prov. the valid name for *rubicundus* Cress. nec Fourcr. p. 49, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Menaforia gen. n. (Cryptini) (in key) p. 204, *rufa* sp. n. Madagascar p. 205 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Mesochorus hyperparasites of *Apanteles* (Brac.) in India pp. 103–105; *srinaraini* sp. n. N. India p. 103 figs., GUPTA Indian J. Ent. 19 1957.

Mesoclistus rufipes Gr. (= *kleissli* Kiss) p. 236, BAJÁRI Ann. hist.-nat. Mus. hung. (N.S.) 9.

Mesoleius aquilonaris n. n. for *frigidus* Ashm. nec Hlmgr.; *congener* n. n. for *affinis* A. nec Brischke p. 56, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Mesophragis gen. n. (Cryptini), *inermis* sp. n. Madagascar p. 202 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Mesostenini trib. n. (Gelinae) p. 19; Gellini, Ecthrini distinguishing characters p. 18, NARAYANAN & KUNDANLAL Proc. Indian Acad. Sci. (B) 47.

Mesostenus jocosus see *Messatoporus ferrum-equinum*.

Messatoporus ferrum-equinum Wlsh. & Rly. (= *Mesostenus jocosus* Prov.) p. 48, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Metopius pocksungi sp. n.; *dissectorius* var. n. *rufofemoralis* Korea p. 301, KIM Humanit. & Sci., Korea Univ. 3.

Microceratops gen. n. (Hemiteolini) p. 88, *dentifrons* sp. n. Madagascar p. 89 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Microcryptus castanis sp. n. Korea p. 452 figs., KIM Comm. Theses 15th Anniv. Korea Univ. 1955.—*M.* see

Cubocephalus; *castanis*, *galactinus* see *C.*; *tosaensis* see *C. punctulatus*.

Microleptinae n. n. for Plectiscinae auctt. p. 221, TOWNES Proc. ent. Soc. Wash. 60.

Micromavia gen. n. (Cryptini) (in key) p. 202, *carinata* sp. n. Madagascar p. 204 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Miramilia gen. n. (Cryptini), *communis* (type), *pictipennis* spp. n. Madagascar p. 179 figs., SEYRIG t.c.

Mosia gen. n. (Hemiteolini) p. 69, *crassicornis* sp. n. Madagascar p. 70, SEYRIG t.c.

Neleothymus attenuatus Cushm. from *Cremastus* p. 68, TOWNES Ins. Micron. 19 no. 2.

Nematopodius coreanus sp. n. (with var. *n. rufipes* p. 462) Korea p. 461 figs., KIM Comm. Theses 15th Anniv. Korea Univ. 1955.

Neocremastus mellipes Prov., *stigmaterus* Crasn. from *Zaleptopygus* p. 66, TOWNES Ins. Micron. 19 no. 2.

Nesanomalon see *Pristomerus*.

Netelia (N.) *latro* Hlmgr. from *Paniscus* p. 51; (N.) *solus* sp. n. Palau I. p. 53 figs., TOWNES Ins. Micron. 19 no. 2.

Notiopimpla platymischa (*inermis*) see *Echthromorpha*.

Odontocryptus gen. n. (Cryptini), *spiniculatus* sp. n. Madagascar p. 188 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Odontostoma gen. n. (Hemiteolini), *acutissima* sp. n. Madagascar p. 109, SEYRIG t.c.

Olesicampe flaviclypeus Vier. the valid name for *sericea* Prov. nec Hlmgr. p. 60, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Opheltes glaucopterus galbipennis n. n. for *glauc. flavipennis* Prov. nec Cress. p. 54, WALKLEY in KROMBEIN & others t.c.

Ophion epallidus n. n. for *pallidus* Ckll. nec Tasch. p. 62, WALKLEY in KROMBEIN & others t.c.

Orthocentrinae Först. (= Plectiscinae Först.) p. 221, TOWNES Proc. ent. Soc. Wash. 60.

Panargyrops of Madagascar key; *praestans* p. 33, *carinatus* p. 34, *triangulifer* p. 35, *quadratus* p. 36 spp. n. Madagascar, SEYRIG Mém. Acad. malgache 19 [39] 1952.—*P. nigripes* sp. n. Germany p. 183 fig., BAUER Beitr. Ent. 8.

Paniscus latro see *Netelia*.

Paraglyptus gen. n. (Hemitelini) (key p. 94) p. 92, *decoloratus* (type) p. 94, *flavostigmus* p. 96, *mercator* p. 97, *sulcator* p. 98, *divergens* p. 99, *sculptus* p. 100 spp. n. Madagascar fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Parallocota gen. n. (Hemitelini) p. 86, *monotypa* sp. n. Madagascar p. 87, SEYRIG t.c.

Paraphylax hiatus Mariana Is., badii Caroline Is. spp. n. p. 55, TOWNES Ins. Micron. 19 no. 2.

Paretha gen. n. (Cryptini) (in key) p. 198, *tarsalis* sp. n. Madagascar p. 200, SEYRIG Mém. Acad. malgache 19 [39] 1952.

Parhemiteles gen. n. (nr. *Hemiteles*) (key p. 83) p. 82, *flaviger* (type) p. 83, *nigrinus* p. 84, *buccatus* p. 85, *cylindricus* p. 86 spp. n. Madagascar, SEYRIG t.c.

Perinetia gen. n. (Cryptini) (in key) p. 193, *nigrifacies* sp. n. Madagascar p. 194 fig., SEYRIG t.c.

Phaenolobus saltans var. n. *interstitialis* Rumania p. 334 figs., CONSTANTINEANU & others An. ști. Univ. Iași (N.S.) (2) 4.—*P. saltans*, *fulvicornis* Grav. (a good sp.) distinguishing characters p. 106 figs., ŠEDIVÝ Acta faun. ent. Mus. nat. Pragae 3.—*P. fulvicornis nigricornis* see *Lapton femoralis*.

Pharsalia (P.) *ochreopuncta* sp. n. Indo-China p. 12, FUCHS Koleopt. Rundschau 35.

Phradis spp. of Finland (key p. 18) pp. 17–20, HELLÉN Notul. ent. 38.

Phygadeuon Grav. (= *Habromma* Först., *Ischresta* Först.) p. 21, NARAYANAN & KUNDANLAL Proc. Indian Acad. Sci. (B) 47.—*P. pisinnus* n. n. for *exiguus* Cress. nec Grav.; *provancheri* n. n. for *cincticornis* Prov. nec C.; *quadriceps* Ashm. the valid

name for *niger* A. nec P. p. 45, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.—*P. ankaratrus* p. 24, *madecassus* p. 25 spp. n. Madagascar, SEYRIG Mém. Acad. malgache 19 [39] 1952.

Phygadeuonini key to genn. p. 20, SEYRIG t.c.—See Gelini.

Piambia gen. n. (Cryptini) (in key) p. 179, *gravidia* sp. n. Madagascar p. 182 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Piasites gen. n. (Cryptini) (in key) p. 190, *carinatus* sp. n. Madagascar p. 191 fig., SEYRIG t.c.

Pimpla insidiator, *macula*, *variegata*, *vittata* see *Echthromorpha*; *oeceticola*, *beherensiella* see *Itopectis*.

Piogaster gen. n. (Polysphinctini) p. 263, *albina* Germany, *punctulata* England p. 264, *rugosa* (type) Sweden p. 266 spp. n. figs., PERKINS Entomologist 91.

Pion stammeri sp. n. Germany p. 188 figs., BAUER Beitr. Ent. 8.

Platylabus latiscapus var. n. *albo-postscutellatus* Rumania p. 249 fig., CONSTANTINEANU & others An. ști. Univ. Iași (N.S.) (2) 3 1957.—*P. perkinsi* n. n. for *vafer* Cress. nec Gmel. p. 48, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Plectiscinae see Orthocentrinae, Microleptinae.

Plectiscus Grav. (= *Leipaulus* Townes, *Brephoctonus* Först.); *suffuscus* Davis from L. p. 221, TOWNES Proc. ent. Soc. Wash. 60.

Polysphincta of Japan revision (key p. 22) pp. 22–28; *tenuiabdominalis* ♂; *unicarinata* p. 24, *varicarinata* p. 27 spp. n. Japan figs., UCHIDA & MOMOI Ins. matsum. 22.

Potia gen. n. (Phygadeuonini) p. 36, *inelegans* sp. n. Madagascar p. 37, SEYRIG Mém. Acad. malgache 19 [39] 1952.

Pristomerus Curt. (= *Nesanomalon* Morley); *incompletus* sp. n. Caroline Is. p. 64, TOWNES Ins. Micron. 19 no. 2.

Pseudamblyteles apiculatus n. n. for *apicalis* Cress. nec Wied. p. 50, WALKLEY in KROMBEIN & others

Agric. Monogr. U.S. Dep. Agric. no. 2.

Pseudoacoenitus see *Astiphromma*;
transylvanicus see *A. varipes*.

Pygidites gen. n. (Cryptini) (in key) p. 187, *regulator* sp. n. Madagascar p. 190 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Pyralphagus gen. n. (Cryptini) (in key) p. 195, *maesac* sp. n. Madagascar p. 198 fig., SEYRIG t.c.

Rambites gen. n. (Cryptini) (in key) p. 195, *gracilis* sp. n. Madagascar p. 197 fig., SEYRIG t.c.

Rarivia gen. n. (Cryptini), *brevicauda* sp. n. Madagascar p. 166 fig., SEYRIG t.c.

Remonzia gen. n. (nr. *Microcryptus*) p. 21, *impostor* sp. n. Madagascar p. 22 fig., SEYRIG t.c.

Resosoa gen. n. (Hemitelini) p. 124, *ridens* sp. n. Madagascar p. 125 fig., SEYRIG t.c.

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Rhexidermus truncator further description p. 453, BAUER Beitr. Ent. 8.

Rhorus substitutor Thnb. identity discussed p. 272, KERRICH Ent. Tidskr. 78.

Rhyssa silbernageli see *Rhyssella curvipes*.

Rhyssella curvipes Gr. (= *Rhyssa silbernageli* Kiss) p. 236, BAJÁRI Ann. hist.-nat. Mus. hung. (N.S.) 9.

Savolia gen. n. (Cryptini), *maculata* sp. n. Madagascar p. 182 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Soratsia gen. n. (Cryptini), *bellicosa* sp. n. Madagascar p. 163, SEYRIG t.c.

Sozites gen. n. (Hemitelini), *orbitor* sp. n. Madagascar p. 128 fig., SEYRIG t.c.

Sphecoctonus gen. n. (Cryptini) (in key), *poliorcetus* sp. n. Madagascar p. 198 fig., SEYRIG t.c.

Spilocryptus rarus further description p. 451, BAUER Beitr. Ent. 8.

Spinolia keys to new spp. p. 140; *granulatoria* (with subsp. n. *fianarica* p. 143) p. 141, *nimbatoria* p. 143,

elongatoria p. 144, *carbonatoria* p. 145, *transversatoria* (with subsp. n. *ivondrica* p. 147) p. 146, *fixatoria* p. 147, *globatoria* p. 148, *nitidatoria*, *truncatoria* p. 149 spp. n. Madagascar, SEYRIG Mém. Acad. malgache 19 [39] 1952.

Stagmopimpla hyalina see *Echthromorpha*.

Stenichneumon salvus Cress. (with subsp. *bioculatus* C., *pallidipennis* Vier.) from *Aoplus* p. 50, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Stictopisthus guamensis sp. n. Mariana Is. p. 79 fig., TOWNES Ins. Micron. 19 no. 2.

Stilpnini see Gelini.

Strongylopsis rufiventris sp. n. Kazakhstan p. 1503 figs., VIKTOROV Zool. Zhurn. 37.

Syrites jucundus p. 102, *tristis* p. 104 spp. n. Madagascar fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Syrphoctonus cinctus Grav. from *Homoporus* p. 279; *dimidiatus* Schrank, *ornatus* G. p. 280, *tarsatorius* Panz. p. 281 from *Homocidus*, NARAYANAN & KUNDAN LAL Proc. Indian Acad. Sci. (B) 48.—*S. fuscitarsus* Prov. the valid name for *humeralis* P. nec Grav. p. 57, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

Temelucha key to Micronesian spp.; *shirakii* Sonan, *pictus* Hlmgr. & other spp. (cf. U.S. Dept. Agric. Monogr. 2 1951: 390–392) from *Cremastus* p. 68; *kusaiensis* p. 69, *carolinensis*, *clarkei* p. 70, *yapensis*, *palauensis* p. 71 spp. n. Caroline Is., TOWNES Ins. Micron. 19 no. 2.

Tersilochus of Finland (key p. 6) pp. 6–16; *pteronidearum* p. 14, *lapponicus* p. 15, *sulcatus* p. 16 spp. n. Finland, HELLÉN Notul. ent. 38.

Tetragonalys barbarica see *Cidaphus*.

Thalessa citraria, *superba* further characters p. 218 figs., NEGRU Bul. şti. Acad. Repub. rom. (Secţ. Biol.) Zool. 9 1957.

Thalops gen. n. (Gelini), *fessus* sp. n. Palau I. p. 57 figs., TOWNES Ins. Micron. 19 no. 2.

Therion circumflexum L. (= c. var. *nipponicum* Uch.) p. 92, UCHIDA Ins. matsum. 21.—*T. longipes* Prov. the valid name for *californicum* Cress. 1878 p. 367 nec p. 366 p. 62, WALKLEY in KROMBEIN & others Agric. Monogr. U.S. Dep. Agric. no. 2.

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Tossinola gen. n. (Lissonotini) p. 1500, *pulchra* sp. n. Uzbekistan p. 1502 figs., VIKTOROV Zool. Zhurn. 37.

Trafana gen. n. (Cryptini) p. 209, *minima* sp. n. Madagascar p. 210 fig., SEYRIG Mém. Acad. malgache 19 [39] 1952.

Trathala flavo-orbitalis Cam. from *Cremastus*; *aciculatus* Davis, *cleridivorus* Cushm., *delicatus* Crasn., *granulatus* D., *hartii* Ashm., *memoralis* D., *latithorax* Cushm., *obesus* Cushm., *plesius* Cushm., *retiniae* Crasn., *rosae* Cushm., *rostratus* Cushm., *similis* Cushm., *tetralophae* Cushm. from *Zaleptopygus*; *coreanus* Uch. from *Diaparsis* p. 66 fig., TOWNES Ins. Micron. 19 no. 2.

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Zaleptopygus see *Cremastus*; *aciculatus*, *cleridivorus*, *delicatus*, *granulatus*, *hartii*, *memoralis*, *latithorax*, *obesus*, *plesius*, *retiniae*, *rosae*, *rostratus*, *similis*, *tetralophae* see *Trathala*; *mellipes*, *stigmaterus* see *Neocremastus*.

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Braconid genera of Spain, DOCAVO ALBERTI Bol. Soc. esp. Hist. nat. (Secc. biol.) 55: 441–449.

Revision of Braconinae of Finland (key to tribes & genn. p. 34), HELLÉN 1957 Notul. ent. 37: 33–52.

New Neotropical wasps in the U.S. Nat. Mus., MUESEBECK Proc. U.S. nat. Mus. 107: 405–461, 4 figs.

Revision of some Aphidiine genera (key to European genn. & subgenn. p. 55, distribution, hosts), STARÝ Acta faun. ent. Mus. nat. Pragae 3: 53–96, 4 photos, 110 figs.

Notes on Braconidae of Czechoslovakia IV, pt. 2, STARÝ Acta Soc. ent. Čsl. 55: 20–33, 1 map.

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(Berio); *submarginata* subsp. n. *sumatrensis* (Ber.) Sumatra p. 370; *ochreicilia* var. n. *borneensis* (Ber.) Borneo p. 368 figs., BERIO & FLETCHER Ann. Mus. Stor. nat. Genova 70.—*H. flandriana* see *Synoides*.

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Leptosiidi Wheeler, 1903 plea for suppression pp. 81–87, HEMMING & SHELJUZHKO t.c.

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Noctasota distorta Hmps. (= *curiosa* Clench) from *Eutelia* p. 215, CLENCH Lepid. News 11.

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Rhynchodes problematica p. 167, *incertana* p. 168 **spp. n.** Madagascar figs., VIETTE Mém. Inst. sci. Madag. (E) 9.

Risoba lactaria Graes. (= *naka-gawai* Nag.) p. 528, INOUE & SUGI Check list Lepid. Jap. pt. 5.

Schinia Hüb. (= *Melicleptria* H., *Alaria* Dunc., *Trypana* Guen., *Rhodophora* Guen., *Tamila* Guen. p. 15, *Adonisea* Grote, *Heliophana* Gr., *Oxylos* Gr., *Rhododipsa* Gr. p. 16, *Dasy-spoudaea* Smith, *Pseudotamila* Sm., *Eupanychis* Gr., *Thyreion* Sm., *Incita* Gr., *Palada* Sm., *Chlorocleptria* Hmps. p. 17) revision of elliptoid-eyed spp. (key p. 19, relationships p. 20, early stages) pp. 15-85; *villosa* **subsp. n.** *intermontana* Br. Columbia p. 38, *conizae* Mexico p. 39; *sueta* **subsp. n.** *sierrae* California p. 50, *martini* Br. Columbia p. 51 figs., HARDWICK Canad. Ent. 90 suppl. 6.

Schöyenia glacialis Lank. (a good sp.), *quieta* Hb. genitalia pp. 241-244 figs., SVENSSON Opusc. ent. 23.

Schranksia & related genn. synonymy pp. 405-411; *arrhecta* Meyr. p. 417, *altivolans* Btlr. p. 413, *simplex* B. (raised to sp. not var. of *alt.*), *oxygramma* M., *sarothrura* M. p. 419 from *Hypenodes* figs., ZIMMERMAN Ins. Hawaii 7.

Scrobigeria (?) *claggi* see *Philippodamias*.

Scythocentropus cyrus see *Paracentropus*.

Sidemia apothaina, *gracilis*, *hedysgramma*, *scrophulariae* see *Eremophysa*.

Spodoptera mauritia Boisd. (= *ogasawarae* Matsum.) p. 507 INOUE & SUGI Check list Lepid. Jap. pt. 5.—*S. Gn.* (= *Laphygma Gn.*) p. 331; *exempta* Wlk. p. 335, *exigua* Hb. p. 339 from *L.* figs., ZIMMERMAN Ins. Hawaii 7.

Supersynpnoides **subgen. n.** (type *erebina* Hmps.) see *Synpnoides*.

Sutyna n. n. for *Anytus* Grote nec Stål p. 154, TODD J. Kansas ent. Soc. 31.

Synclerostola fleissi **sp. n.** Argentina p. 13, KOEHLER Rev. Soc. ent. argent. 20.

Sypna monograph pp. 323-402; *dubitaria* Wlk. (= *mormoides* Btlr.); *purpurata* Warr., *sublucida* Warr. abb. of *omicronigera* not of *d.*; *albiovittata* Moore reduced to ab. of *o.* p. 338; *ornata* Leech an ab. not var. of *sobrina* p. 339; *martina* Feld. (= *leucosticta* Prout) from *Tavia* ?; *tenebrosa* Btlr. a subsp. of *mart.*; *ludifica* Swinh., *nocturna* Warr. abb. of *mart.* p. 340; *decorata* Warr. an ab. of *mart.* not of *noct.*; *mart.* **ab. n.** *variopincta* Ber. (also Sumatra) p. 341; *albilinea* **ab. n.** *aspera* (Ber.) Borneo; *samala* S. an ab. of *albil.* p. 342 figs., BERIO & FLETCHER Ann. Mus. Stor. nat. Genova 70.—*S. angulilinea*, *brevicauda*, *lucilla*, *renisigna* (*expressa*) see *Daddala*; *floccosa*, *plana*, *apicalis* see *D. quadrisignata*; *lucilloides* see *D. avola*; *achaeopsis*, *ach.* abb. *fuscimaculata*, *defuscata*, *variegata*, *fuscofasciata*, *rhodozona* see *D. brevicuda*; *obscurata* see *D. lucilla*; *picta*, *moorei*, *hercules* (*rectifasciata*), *h.* ab. *albifusa*, *erebina*, *fumosa*, *olena*, *hampsoni*, *amplifascia* (*rubrizona*), *prunosa* (*leucozona*), *kirbyi*, *cyanivitta*, *rubrifascia* (*fraterna*), *curvilinea*, *gluta*, *rectilinea*, *simplex* see *Synpnoides*; *achatina* see *S. picta*; *picta* ab. *flavipuncta* see *S. erebina*; *fuliginosa*, *picta* ab. *albinigra* see *S. fumosa*; *brunnea* see *S. cyanivitta*; *rectilinea* var. *lilacina* see *S. admiratio*, *marginalis*, *formosensis*, *pulchra*, *punctosa* (*albistigma*), *astrigera*, *ochreicilia*, *umbrosa*, *pela*, *submarginata* (*marginalis* var. (?) *infrapicta*), *constellata*, *catocaloides*, *quadrinotata* (*kosempona*), *distincta*, *fenella*, *pretiosissima*, *postflavida*, *marginata*, *plaga*, *spodix* see *Hypersynpnoides*; *marginata* f. *albipunctata* see *H. m.*; *marginalis* ab. *ochreimarginalis* see *H. punctosa*.

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Warr. (= *Sypna rubrizona* H.), *prunosa* Moore (= *Sypna leucozona* H.) p. 351, *kirbyi* Btlr., *cyanivitta* M. (with *brunnea* M. reduced to ab.) p. 353, *rubrifascia* M. (= *Sypna fraterna* M.), *curvilinea* M. p. 355, *gluta* S. p. 356, *rectilinea* M. p. 357, *lilacina* Leech (a distinct sp. not var. of *rectil.*), *simplex* Leech from *Sypna*; *vicina* (with ab. n. *laevis* p. 359) Hunan p. 358, *infernalis* (also Java) (with ab. n. *peralba* (also Java), *macrophthalmia*) p. 356, *parva* p. 357 Borneo, *hönei* (also Hunan) p. 349, *chinesis* p. 350 Chekiang, *fletcheri* (also S.E. China) (with ab. n. *lacteata*) p. 352, *reticulata*, *missionaria* p. 356 spp. n. (Berio); *hercules* ab. n. *gigantea* (Ber.) p. 346; *flavipuncta* ab. n. *albina* (Ber.) p. 347 Tibet-China frontier region figs., BERIO & FLETCHER Ann. Mus. Stor. nat. Genova 70.

Tavia caliginosa, *biocularis* see *Hypersynpoides*; *martina* see *Sypna*.

Telorta falcipennis sp. n. Kanton, E. Asia p. 47 fig., BOURSIN Z. wien. ent. Ges. 43.

Thalpophila matura ab. n. *trescoensis* Tresco, Scilly Is. p. 128 fig., RICHARDSON in RICHARDSON & MERE Ent. Gaz. 9.

Thyatirides see *Cymatophoropsis*.

Thyreion see *Schinia*.

Timora prochaskai sp. n. Madagascar p. 271, VIETTE Bull. Soc. ent. Fr. 62.—*T. epimethea* sp. n. Madagascar p. 149, VIETTE op. cit. 63.

Trisateles Tams (= *Crinisinus* Bryk); *trilinealis* Brem. (= *turbo* Bryk) p. 611, INOUE & SUGI Check list Lepid. Jap. pt. 5.

Trisuloides klapperichii sp. n. Fukien p. 212, MELL Dtsch. ent. Z. (N.F.) 5.

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Ugia rhodotela sp. n. Madagascar p. 172, VIETTE Mém. Inst. sci. Madag. (E) 9.

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Lymantriidae of Ruwenzori Expedition 1952, COLLENETTE Ruwenz. Exp. 1952 1: 69–75, 3 figs.

Dasychira mahoma sp. n. Ruwenzori p. 73 fig., COLLENETTE Ruwenz. Exp. 1952 1.—*D. apateloides* see *Deinarchia* (Notodont.).

Euproctis pallida subsp. n. *ibanda* Ruwenzori p. 71, COLLENETTE t.c.—*E. kurosawai* sp. n. Japan p. 141, INOUE Tinea 3 1956.—*E. froitzheimi* sp. n. Afghanistan p. 229 fig., WILTSHIRE J. Bombay nat. Hist. Soc. 55.

Homoeomeria haploa sp. n. Uganda p. 70 fig., COLLENETTE Ruwenz. Exp. 1952 1.

Leucoma fletcheri sp. n. Ruwenzori p. 69 fig., COLLENETTE t.c.

Lymantria dispar subsp. n. *tsushimensis*, *postalba* Japan p. 141, INOUE Tinea 3 1956.—*L. monacha* rare f. p. 171, DIJKSTRA Ent. Ber., Amst. 18.

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(including THAUMETOPOEIDAE).

Notodontidae of Ruwenzori Expedition 1952, KIRIAKOFF Ruwenz. Exp. 1952 1: 46–53, figs.

Alenophalera variegata see *Rhyn-chophalera*.

Andocidia gen. n., *tabernaria* sp. n. W. Africa, Belg. Congo p. 51 figs., KIRIAKOFF Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 66.

Andraca olivacens sp. n. Fukien p. 211, MELL Dtsch. ent. Z. (N.F.) 5.—*A. albilunata* see *Theophoba* (Bombyc.).

Anteua agramma Hmps. (♂ nec ♀) from *Desmeocraera* pp. 12, 53, KIRIAKOFF Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 66.

Antongila gen. n. for *Desmeocraera antongilensis* Viette p. 224, KIRIAKOFF Mém. Inst. sci. Madag. (E) 9.

Cerura dissodectes sp. n. Ruwenzori p. 47 figs., KIRIAKOFF Ruwenz. Exp. 1952 1.

Chlorocalliope gen. n. for *Stauropus rivata* Hmps. (type), *calliope* H. p. 62; *subvernalis* Natal, *margarethae* Belg. Congo p. 63 spp. n. figs., KIRIAKOFF Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 66.

Crestonica gen. n. for *Desmeocraera circulosa* Gaede (type), *Stauropus incisus* Roths. p. 60; c. ♀; c. subsp. n. *occidentalis* Fr. Cameroons, *meridionalis* Belg. Congo p. 61 figs., KIRIAKOFF t.c.

Damata dicyma sp. n. Afghanistan p. 230 fig., WILTSHIRE J. Bombay nat. Hist. Soc. 55.

Dasylophia seriata early stages p. 178, COMSTOCK Bull. S. Calif. Acad. Sci. 56.

Daulopaectes gen. n. for *Stauropus trichosa* Hmps. p. 68; t. subsp. n. *hecqi* Belg. Congo p. 69 figs., KIRIAKOFF Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 66.

Deinarchia gen. n. for *Dasychira* (Lymantr.) *apateloides* Holl. (type), *Desmeocraera aeschyntela* Tams (= *Desm. agramma* Hmps. ♀ nec ♂) p. 52 figs., KIRIAKOFF t.c.

Desmeocraera & allied genn. of Africa (key pp. 70-80, spp. to be excl. p. 12) pp. 7-89; *sincera* (also Ghana) p. 13, *formosa* (also Belg. Congo) p. 27, *olivina* p. 20, *dicax* p. 25, *imploratrix* p. 37, *ardalio* p. 48 Nigeria, *roseoviridis* Guinea p. 21, *aquamarina* Ghana p. 23, *postulatrix* Fr. Equat Africa, Belg. Congo p. 33, *zombae* Nyasaland p. 41, *sagum* p. 28, *pomaria* p. 31, *virescens* p. 34, *inquisitrix* p. 36, *oleacea* p. 38, *ferevaria* p. 42, *weberiana* (also Belg. Congo) Fr. Cameroons, *clenchi* p. 49, *retiaris* p. 19, *pauliveronensis* p. 23, *holitrix* p. 29, *principalis* p. 31, *subvaria*, *invaria* p. 38, *percontatrix* p. 39, *rogatrix* p. 42, *reclamatrix* (also Fr. Cameroons) p. 50, *ingens* p. 69 spp. n.; *falsa* subsp. n. *fontainei* p. 15; *chloëropis* subsp. n. *spectabilis* p. 33 Belg. Congo; *tripuncta* subsp. n. *kenyae* Kenya; *jansei* n. n. for *varia* Janse nec Wlk.; *uniformis* Gaede raised to sp. not var. of *atriguttata* p. 16; *atribasalis* Hmps. a distinct sp. not syn. of *basalis* p. 18; *annulosa* G. raised to sp. not f. of *confluens* p. 22; *impunctata* G. raised to sp. not var. of *tripunctata* p. 26; *rileyi* Kir. a r. of *interpallatrix* p. 43; *latex* Druce (= *Stauropus atriguttatus* Hmps.) p. 15; *collenettei* K. (= *frater* K.) p. 40; *congoana* Auriv. (= *hippocastanaria* G., *punctata* G., *tenera* K.) p. 46 figs., KIRIAKOFF t.c.—*D.* group of Madagascar (key p. 216) pp. 215-225; *antiopa* Viette a good sp. p. 217 figs., KIRIAKOFF Mém. Inst. sci. Madag. (E) 9.—*D. esmeraldina* sp. n. Ruwenzori p. 48 figs., KIRIAKOFF Ruwenz. Exp. 1952 1.—*D. antongilensis* see *Antongila*;

circulosa see *Crestonica*; *aeschyntela* (*agramma* ♀ nec ♂) see *Deinarchia*; *agramma* ♂ nec ♀ see *Anteua*; *apicalis adversa* see *Enomotarcha*; *dichonia* see *Heraia thalassina*; *divergens* see *Liriochroa*; *albipuncta* see *Metula*; *madagascariensis* see *Vietteella*; *toulgoëtianum* see *V. madagascariensis*.

Diopetheus gen. n. p. 58, *barnesi* (type) Belg. Congo, Uganda p. 59, *cyamina* Fr. Cameroons, Sierra Leone p. 60 spp. n. figs., KIRIAKOFF Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 66.

Enomotarcha gen. n. (key p. 56) for *Somera chloana* Holl. (type), *Desmeocraera apicalis* Auriv., *adversa* Karsch p. 54; *vulcanica*, *heterochroma* spp. n. Belg. Congo p. 55 figs., KIRIAKOFF t.c.

Epicerura steniptera Hmps., *pergrisea* H. from *Stauropus* p. 12, KIRIAKOFF t.c.

Eramos gen. n. (nr. *Desmeocraera*) p. 220, *viridissima* sp. n. Madagascar p. 222 figs., KIRIAKOFF Mém. Inst. sci. Madag. (E) 9.

Griphocerura gen. n. for *Stauropus malgassica* Kenr. p. 224 figs., KIRIAKOFF t.c.

Harpyia pulcherrima subsp. n. *nuristana*; *lanigera* f. n. *terminata* Afghanistan p. 231 figs., WILTSHIRE J. Bombay nat. Hist. Soc. 55.

Heraia gen. n. for *Stauropus thalassina* Hmps. (= *Desmeocraera dichonia* Kir. p. 58) p. 57 figs., KIRIAKOFF Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 66.

Hyperaeschra georgica larva p. 203, KLOTS Lepid. News 10 1957.

Liriochroa gen. n. for *Desmeocraera divergens* Kir. p. 67, KIRIAKOFF Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 66.

Lophopteryx hoegei Graes. (= *hasegawai* Ok.) p. 9; *okanoi* sp. n. Japan; amendments to check-list of Lep. of Japan [cf. Z.R. 93 1956 No. 1453] p. 10 figs., INOUE Trans. Shikoku ent. Soc. 6.

Metula gen. n. for *Desmeocraera albipuncta* Gaede p. 68 figs., KIRIAKOFF Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 66.

Ochrocallope gen. n. (nr. *Desmeocraera*), *viettei* sp. n. Madagascar p.

218 figs., KIRIAKOFF Mém. Inst. sci. Madag. (E) 9.

Pachycispia position in Notodontidae confirmed; *picta* Btlr. (= *Trotonotus catalaiella* Viette) p. 227 fig., KIRIAKOFF t.c.

Pitheides gen. n. for *Somera chloauchena* Holl. p. 58 figs., KIRIAKOFF Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 66.

Pycnographa gen. n., *tamarix* sp. n. Belg. Congo p. 66 figs., KIRIAKOFF t.c.

Rhynchophalera variegata Auriv. from *Alenaphalera* p. 49, KIRIAKOFF Ruwenz. Exp. 1952 1.

Scalimicauda (*Graphidura*) *oreas* sp. n. Ruwenzori p. 46 figs., KIRIAKOFF t.c.—*S. perinetensis* sp. n. Madagascar p. 225 fig., KIRIAKOFF Mém. Inst. sci. Madag. (E) 9.

Sidisca gen. n., *hypochloë* sp. n. Belg. Congo, Fr. Cameroons p. 64 figs., KIRIAKOFF Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 66.

Simesia critobula Fawc. from *Stauropus* p. 12, KIRIAKOFF t.c.

Somera chloana see *Enomotarcha*; *chloauchena* see *Pitheides*; *chloë* see *Stauropussa*.

Stauropus rivata, *calliope* see *Chloro-calliope*; *incisus* see *Crestonica*; *trichosa* see *Daulopaectes*; *atrigitatus* see *Desmeocraera latex*; *steniptera*, *pergrisea* see *Epicerura*; *malgassica* see *Griphocerura*; *thalassina* see *Heraia*; *critobulus* see *Simesia*.

Stauropussa chloë Holl. (= *viridipennis* Str.) from *Somera* p. 66 figs., KIRIAKOFF Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 66.

Thaumetopoea pinivora, *pityocampa* distinguishing characters p. 61 figs., AGENJO Bol. Serv. Plagas forest. 1.

Trotonotus catalaiella see *Pachycispia picta*.

Vietteella gen. n. for *Desmeocraera madagasariensis* Draes. (= *D. toulgoëtianum* Viette) p. 223 figs., KIRIAKOFF Mém. Inst. sci. Madag. (E) 9.

GEOMETRIDAE.

Geometridae of Ruwenzori Expedition 1952, FLETCHER Ruwenz. Exp. 1952 1: 77–176, 223 figs.

Geometridae from Tanganyika, German exp. 1951–52, FLETCHER Stuttgart. Beitr. Naturk. Nr. 14: 1–4, 6 figs.

Geometridae from the islands of the Gulf of Guinea, HERBULOT Bull. Soc. ent. France 63: 100–109, 3 figs.

Larvae of Nearctic Larentiinae (key to tribb. p. 12, descriptive catalogue, keys pp. 24–72, key to subfam. of Geometr. p. 11), MCGUFFIN Canad. Ent. 90 suppl. 8: 3–104, 216 figs.

Indo-Australian Geometridae (new spp., revised descriptions), PROUT Bull. Brit. Mus. (Nat. Hist.) Ent. 6: 365–463, 72 figs.

Acasis viretata subsp. n. *himalayica* India, Burma, China, Formosa p. 451, PROUT Bull. Brit. Mus. (Nat. Hist.) Ent. 6.

Acidalia tremula see *Scopula internataria*.

Acrodepanis see *Scotorythra*; *megalo-phylla*, *nesiotes* see *S. (A.)*.

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Aphilopota oritrophia sp. n. Ruwenzori p. 133 figs., FLETCHER Ruwenz. Exp. 1952 1.

Asthenotricha proschora sp. n. Ruwenzori p. 123 fig., FLETCHER t.c.

Boarmia rhomboidaria, *secundaria* ♂ genitalia compared p. 57, GOTTHARDT Nachr. naturw. Mus. Aschaff. no. 61.

Brabira operosa sp. n. Sikkim p. 448 fig., PROUT Bull. Brit. Mus. (Nat. Hist.) Ent. 6.

Bryoptera paulina sp. n. (with subsp. n. *australis* p. 280) Chile p. 277 figs., URETA R. Bol. Mus. nac. Hist. nat. Chile 26 1956.

Bupalus piniaria subsp. n. *bernieri* France p. 304, DE LAJONQUIÈRE Bull. mens. Soc. linn. Lyon 27.

Calluga grammophora sp. n. (with ab. n. *completa*) Br. New Guinea p. 437 fig., PROUT Bull. Brit. Mus. (Nat. Hist.) Ent. 6.

Calocalpe see *Hydria*.

Calostigia austriacaria-püngeleri group preliminary revision (subsp. antennae described pp. 116-126) pp. 107-133, AUBERT Rev. franç. Lépid. 15 1956.

Carige extremaria subsp. n. *coniochyta* Burma p. 451, PROUT Bull. Brit. Mus. (Nat. Hist.) Ent. 6.

Caripeta hilumaria p. 88, *macularia* p. 93 early stages figs., COMSTOCK Bull. S. Calif. Acad. Sci. 56 1957.

Carphoides setigera sp. n. Arizona p. 16 figs., RINDGE Amer. Mus. Novit. no. 1872.

Catophoenissa dibapha subsp. n. *albicentra* p. 271; *fuenzalidai* sp. n. p. 273 Chile figs., URETA R. Bol. Mus. nac. Hist. nat. Chile 26 1956.

Chlorissa annobonica sp. n. Annobon p. 108 figs., HERBULOT Bull. Soc. ent. Fr. 63.

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Cosmostolopsis simplex subsp. n. *rubropunctata* Ruwenzori, Uganda p. 88, FLETCHER t.c.

Cosymbia puppillaria early stages p. 103 figs., HAGGETT Ent. Gaz. 9.

Crocallis dardoinaria subsp. n. *atlantica* France p. 51, HERBULOT. Lam-billionea 57.

Cryptoloba mesta (also Bhutan, Burma), *peperitis* India, *metorchatica* China spp. n. p. 449 figs., PROUT Bull. Brit. Mus. (Nat. Hist.) Ent. 6.

Dasyuris holombra see *Megalotica*.

Deilinea larvae of Canadian spp. (key to 5th-instar larvae; notes on other stages p. 220) pp. 216-220 figs., MCGUFFIN Canad. Ent. 90.

Derambila alucitaria Snell. a good sp. not var. of *macritibia* p. 100, HERBULOT Bull. Soc. ent. Fr. 63.

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Dystypoptila hebes sp. n. Celebes p. 458 fig., PROUT Bull. Brit. Mus. (Nat. Hist.) Ent. 6.

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108; *obtusa* subsp. n. *celaena* Ruwenzori p. 109, FLETCHER Ruwenz. Exp. 1952 1.

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Amyelois gen. n. for *Myelois venipars* Dyar p. 42 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Anagasta kühniella, *Ephestia* Hawaiian spp. key p. 379 figs., ZIMMERMAN Ins. Hawaii 8.

Analyta gammalis sp. n. Madagascar; *calligrammalis* subsp. n. *aldabralis* Aldabra Is. p. 142, VIETTE Mém. Inst. sci. Madag. (E) 9.

Anarmodia nebulosalis, *perfulvalis* see *Asparagmia*.

Anchylopera subaequana subsp. n. *fergusoni* New Jersey p. 9 figs., McDUNNOUGH Amer. Mus. Novit. no. 1917.

Anerastia pallidicosta see *Maliarpha separatella*.

Antiercta gen. n. for *Ercta ornatalis* Dup. p. 203 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Apilrocrocis gen. n. for *Pilrocrocis microbathra* Meyr. p. 208 figs., AMSEL t.c.

Araschnopsis gen. n. for *Lamprosema (Endotricha) subulalis* Gn. p. 186 figs., AMSEL t.c.

Arnatura ? *lativalva* sp. n. Venezuela p. 68 figs., AMSEL t.c.

Aroeopaschia goantoides sp. n. Venezuela p. 66 figs., AMSEL t.c.

Asparagmia gen. n. for *Anarmodia nebulosalis* Dogn. (type), *perfulvalis* Dogn. p. 129 figs., AMSEL t.c.

Astura fimbriauralis see *Asturodes*.

Asturodes gen. n. for *Astura fimbriauralis* Gn. p. 168 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Ategumia gen. n. for *Syllepta matutinalis* Gn. p. 199 figs., AMSEL t.c.

Aulacodes calistoalis see *Aureopteryx*; *thetysalis* see *Cosmopterosis*.

Aureopteryx gen. n. for *Aulacodes calistoalis* Wlk. p. 108 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Azochis graphialis see *Nonazochis*.

Bicilia gen. n. (Pyraustinae) p. 140, *vogli* (type) p. 141, *fuscalis* p. 142 spp. n. Venezuela figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Bifaculina gen. n. (Pyraustinae) p. 148, *argentipunctalis* sp. n. Venezuela p. 149 figs., AMSEL t.c.

Bisinusia gen. n. for *Caphys palmipes* Feld. & Rog. p. 80 figs., AMSEL t.c.

Blepharomastix stenialis see *Euvalva*; *acutangulalis* see *Pseudopyrausta*.

Bocchoris pharaxalis see *Bocchoropsis*; *stigmatalis* see *Coremata*; *craftsialis* see *Pseudopyrausta*; *tenuilinealis* see *Lygropia leucophanalis*.

Bocchoropsis gen. n. for *Bocchoris pharaxalis* Drc. p. 146 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Botyodes andrinalis sp. n. Madagascar p. 140; correction to plate caption [see Z.R. 93 1956 No. 2401] p. 141, VIETTE Mém. Inst. sci. Madag. (E) 9. —*B. hirtusalis* see *Ghesquierellana*.

Botys glebalis Led. (= *Sylepta megastigmatalis* Hmps.) p. 511, MUNROE Canad. Ent. 90. —*B. cerata* see *Epicrosia*; *incalis* see *Portentomorpha*.

Cabniidi trib. n. p. 207, AGENJO EOS 34.

Caphys pamipes see *Bisinusia*.

Carcha undulatalis sp. n. Venezuela p. 84 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Catacrobasis gen. n. for *Acrobasis obtusella* Hb. p. 224 fig., GOZMANY Ann. hist.-nat. Mus. hung. (N.S.) 9.

Ceratocilia gen. n. for *Pilrocrocis liberalis* Gn. (type), *imbrexalis* Wlk. p. 173 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Ceratoclasia avialis sp. n. Venezuela p. 174 figs., AMSEL t.c.

Chilo phaeosema sp. n. S. Rhodesia etc. p. 189 figs., MARTIN Bull. ent. Res. 49.

Chilochroma gen. n. (Pyraustinae) p. 142, *calamochrella* sp. n. Venezuela p. 143 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Chilopsis gen. n. (nr. *Chilo*) p. 32, *lignella* sp. n. Venezuela p. 33 figs., AMSEL t.c.

Clarkeia gen. n. for *Neurophyseta sabulalis* Schs. p. 115 figs., AMSEL t.c.

Cledeobia bombycalis, *moldavica* ♂ genitalia figured p. 125 figs., POVOLNÝ Acta Mus. Morav. 43.

Compacta gen. n. for *Polygrammodes hirtalis* Gn. (type), *nigrolinealis* Warr. p. 132 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Condylorrhiza vestigialis Gn. (= *sublutalis* Gn.) p. 27, DE BIEZANKO, RUFFINELLI & CARBONELL Rev. Fac. Agron. Montevideo no. 46 1957.

Coptobasis spretalis Led. (= *Sylepta odontosticta* Hmps.) p. 516, MUNROE Canad. Ent. 90.

Coremata gen. n. for *Bocchoris stigmatalis* Hmps. p. 147 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Coremataria gen. n. for *Pilrocrocis infuscalis* Gn. p. 207 figs., AMSEL t.c.

Cosmopterosis gen. n. for *Aulacodes thetysalis* Wlk. p. 109 figs., AMSEL t.c.

Crambinae key to Hawaiian genn. p. 277 figs., ZIMMERMAN Ins. Hawaii 8.

Crambus pascuellus key to ff.; p. f. n. *obscurus* Holland p. 51 fig., KUCHLEIN Ent. Ber., Amst. 18.—*C. digitellus* H.-S. (= *petrosellus* Joan.) syn. confirmed p. 144; *monotaeniellus* H.-S. (= *latistrius* Hw.) p. 145, MARION Rev. franç. Lépid. 15 1956.—*C. fulgidellus* ♂ genitalia p. 4 figs., NYSTRÖM Notul. ent. 38.—*C. pygmaeus* see *Novocrambus*.

Cryptoblabini subtrib. n. p. 207, AGENJO Eos 34.

Cymbalorissa gen. n. for *Euzophera fuliginosella* Hein. p. 223 fig., GOZMANY Ann. hist.-nat. Mus. hung. (N.S.) 9.

Cyprusia gen. n. (nr. *Dysphyllia*) p. 54, *wiltshirei* sp. n. Cyprus p. 55 figs., AMSEL Z. wien. ent. Ges. 43.

Desmia clarkei p. 227, *decemmaculalis* p. 228, *octomaculalis* p. 229 spp. n. Venezuela figs., AMSEL Bol. ent. venezol. 10 1956 & 1957.—*D. isaralis* see *Sacculosia*.

Diaphania subtilalis, ? *fenestralis* spp. n. Venezuela p. 247 figs., AMSEL Bol. ent. venezol. 10 1956 & 1957.—*D. fumosalis* Gn. a distinct sp. not syn. of *nitidalis* p. 27, DE BIEZANKO, RUFFINELLI & CARBONELL Rev. Fac. Agron. Montevideo no. 46 1957.—*D.* (given as *Diaphana*) *oriolalis* sp. n. Comoro Is. p. 139, VIETTE Mém. Inst. sci. Madag. (E) 9.

Diastictis putrisalis Comoro Is., *gallienalis* p. 124, *vadonalis* p. 126 Madagascar spp. n. fig., VIETTE t.c.

Diatraea africana see *Parerupa*.

Dichogama redtenbacheri f. n. *nigra* Venezuela p. 277 fig., AMSEL Bol. ent. venezol. 10 1956 & 1957.

Dichogamini trib. n. p. 278, AMSEL t.c.

Dioryctria magnifica sp. n. Shensi, Centr. China p. 253 figs., MUNROE Canad. Ent. 90.

Distortia gen. n. (Chrysauginae) p. 99, *minimalis* sp. n. Venezuela p. 100 figs., AMSEL Bol. ent. venezol. 10 1956 & 1957.

Divianini subtrib. n. p. 207, AGENJO Eos 34.

Ectomyeloisini subtrib. n. p. 207, AGENJO t.c.

Ennomosia gen. n. (Pyraustinae), *geometridalis* sp. n. Venezuela p. 130 fig., AMSEL Bol. ent. venezol. 10 1956 & 1957.

Enosima vectiferella see *Maliarpha separatella*.

Ephestia Hawaiian spp., *Anagasta kühniella* key p. 379 figs., ZIMMERMAN Ins. Hawaii 8.—*E. albosparsa* see *Homoeosoma*; *cautella*, *figulilella*, *callidella*, *afflatella* see *Xenephestia*.

Ephestiidi trib. n. (Ephestiini subtrib. n.) p. 207, AGENJO Eos 34.

Epicorsia revision pp. 293–301; *mellinalis* Hb. designated type; *parambalis* Ecuador, *lucialis* (with subsp. n. *baezalis* Ecuador etc. p. 295) St. Lucia etc. p. 293, *chiapalis* Mexico p. 295, *catarinalis* Brazil p. 297 spp. n.; *cerata* F. from *Botys* p. 296 figs., MUNROE Canad. Ent. 90.

Epiparachma gen. n. (Chrysauginae) p. 89, *notabila* sp. n. Venezuela p. 90 figs., AMSEL Bol. ent. venezol. 10 1956 & 1957.

Ercta ornatalis see *Antiercta*.

Eretmopteryx see *Nevrina*.

Eulepte vogli sp. n. Venezuela p. 164 figs., AMSEL Bol. ent. venezol. 10 1956 & 1957.

Eumysia idahoensis sp. n. Idaho p. 5 figs., MACKIE Proc. ent. Soc. Wash. 60.

Euphocerini subtrib. n. p. 207, AGENJO Eos 34.

Eurythmasiini subtrib. n. p. 207, AGENJO Eos 34.

Euvalva gen. n. for *Blepharomastix* (*Lamprosema*) *stenialis* Gn. p. 188 figs., AMSEL Bol. ent. venezol. 10 1956 & 1957.

Euzophera fuliginosella see *Cymbalorissa*.

Evergestis shirazalis a good sp. (genitalia) p. 929; *kopet-dagensis* sp. n. Turkmenia p. 930 figs., KUZNETSOV Ent. Obozr. 37.

Falx gen. n. (Pyraustinae) p. 110, *sinuosalis* sp. n. Venezuela p. 111 figs., AMSEL Bol. ent. venezol. 10 1956 & 1957.

Galasodes gen. n. (Chrysauginae), *nervosella* sp. n. Venezuela p. 98 figs., AMSEL t.c.

Galleria mellonella characters distinguishing larval instars pp. 34-41 figs., CARTIER Ann. Soc. ent. Québec 3.—*G. mellonella* biometrical method for distinguishing sex of chrysalis pp. 43-45 fig., CARTIER t.c.

Galleriinae key to Hawaiian genn. p. 24 figs., ZIMMERMAN Ins. Hawaii 8.

Genophantis iodora, *leahi* distinguishing characters p. 367 figs., ZIMMERMAN t.c.

Ghesquierellana hirtusalis Wlk. from *Botyodes* p. 250, MUNROE Canad. Ent. 90.

Glyphodes? confiniodes sp. n. Venezuela p. 232 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Hedylepta Led. (= *Loxocreon* Warr.) p. 64, keys to Hawaiian spp. pp. 69-71, 72-73; *accepta* Btlr. from *Lamprosema* p. 73; *anastrepta* Meyr. p. 77, *anastreptoides* Swez. p. 78, *antidoxa* M. p. 79, *asaphombra* M. (= *Phostria hemiombra* Hmps.) p. 81, *blackburni* B. p. 83, *continuatalis* Wllngr. p. 87, *demaratalis* Wlk. p. 90, *giffardi* S. p. 93, *epicentra* M., *euryprora* M. p. 94, *fullawayi* S. p. 95, *iridias* M. p. 96, *laysanensis* S., *localis* B. p. 98, *maia* S. p. 101, *meyricki* S. p. 103, *monogona* M. p. 108, *monogramma* M. p. 109, *musicola* S. p. 112, *telegrapha* M. p. 114, *scotaea* H. from *Phostria*; *pritchardii* S. from *Omiodes* p. 113 figs., ZIMMERMAN Ins. Hawaii 8. —*H. rakotalis* sp. n. Madagascar p. 134 fig., VIETTE Mém. Inst. sci. Madag. (E) 9.

Herculia venezuelensis sp. n. Venezuela p. 54 fig., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Herpetogramma grisealis sp. n. Venezuela p. 181 figs., AMSEL t.c.

Hileithia? costipunctalis sp. n. Venezuela p. 158 figs., AMSEL t.c.

Homoeosoma albosparsum Btlr. (= *amphibola* Meyr.) from *Ephestia* p. 369 figs., ZIMMERMAN Ins. Hawaii 8.—*H. bidensana*, *humeralis* see *Unadilla*.

Homoeosomini subtrib. n. p. 207, AGENJO Eos 34.

Homophysa pentasica see *Aenigma*.

Hydiris exaucta see *Hyperectias dioctias*.

Hymenia recurvalis F. (= *exodias* Meyr.) p. 52 figs., ZIMMERMAN Ins. Hawaii 8.

Hyperectias (confirmed as distinct gen. p. 44) *dioctias* Meyr. (= *Hydiris exaucta* M.) p. 41 figs., ZIMMERMAN t.c.

Hyperparachma butyropis see *Parachmopsis*.

Hysopygia, *Pyralis* distinguishing characters p. 273 figs., ZIMMERMAN Ins. Hawaii 8.

Ischnurges lancinalis subsp. n. comorenensis Comoro Is., *aldabrensis* Aldabra Is. p. 143, VIETTE Mém. Inst. sci. Madag. (E) 9.

Jocara venezulensis p. 64, *lutosalis* p. 65 spp. n. Venezuela figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Kyra gen. n. for *Myelois cirrigerella* Zck. p. 224 fig., GOZMÁNY Ann. hist.-nat. Mus. hung. (N.S.) 9.

Lamprosema subulais see *Araschnopsis*; *accepta* see *Hedylepta*.

Latalvalva gen. n. (Pyraustinae) p. 273, *pseudosmithii* (type) p. 274, *monotona* p. 275 spp. n. Venezuela figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Latalvalvini trib. n. p. 274, AMSEL t.c.

Lepidomys costipunctata sp. n. Venezuela p. 87 fig., AMSEL t.c.

Leucinodes minimalis p. 161, *pusilla* p. 162 spp. n. Venezuela figs., AMSEL t.c.

Leucochroma formosalis sp. n. Venezuela p. 139 figs., AMSEL t.c.—*L. melusinalis* see *Leucochromodes*.

Leucochromodes gen. n. for *Leucochroma melusinalis* Wlk. p. 140 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Lineodes formosalis p. 270, *venezuelensis*, *caracasias* p. 272 spp. n. Venezuela figs., AMSEL t.c.—*L. ochrea* Wals. (= *subextincta* W.) p. 39 figs., ZIMMERMAN Ins. Hawaii 8.

Lineodini trib. n. p. 269, AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Lophopleuropsis gen. n. (nr. *Lophopleura*) p. 88, *flavostrialis* sp. n. Venezuela p. 89 figs., AMSEL t.c.

Loxocreon see *Hedylepta*.

Loxomorpha gen. n. (Pyraustinae) p. 254, *citrinalis* sp. n. Venezuela p. 255 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Loxostege mancaloides p. 249, *sacculalis* p. 250, *spinalis* p. 251, *macrospinalis* p. 252, *trispinalis* p. 253, ? *minimalis* p. 254 spp. n. Venezuela figs., AMSEL t.c.—*L. conisalis*, *heliogantha*, *melanopsis* see *Oeobia*.

Lygropia leucophanalisis Mab. (= *Bocchoris tenuilinealis* Kenr.) p. 137; *vinanyalis* sp. n. Madagascar p. 138, VIETTE Mém. Inst. sci. Madag. (E) 9.—*L. gilvicostalis* see *Alatuncusia*.

Macalla hyalinalis p. 55, *asymmetrica*, *symmetrica* p. 56 spp. n. Venezuela figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Maliarpha Rag. (= *Ampycodes* Hmps.); *separatella* R. (= *Anerastia pallidicosta* H., *Enosima vectiferella* R.) p. 187 figs., MARTIN Bull. ent. Res. 49.

Maracayia gen. n. for *Pilocrocis chlorisalis* Wlk. p. 211 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Marasmia didialis sp. n. Madagascar p. 123, VIETTE Mém. Inst. sci. Madag. (E) 9.

Margaronia exaula, *cyanomichla* distinguishing characters p. 59 figs., ZIMMERMAN Ins. Hawaii 8.

Martinia gen. n. for *Syllepta mneumalis* Wlk. p. 198 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Martiniodes gen. n. (Chrysauginae), *sacculalis* sp. n. Venezuela p. 79 figs., AMSEL t.c.

Mecyna marioni sp. n. Samarkand p. 105; *levilinealis* Ams. a syn. of *pontica* Stgr. not of *amasalis* Stgr.; *tripunctalis* Obth. a subsp. of *marcidalis*; *maroccanensis* Ams. a subsp. of *joannialis* p. 106 figs., AMSEL Beitr. naturk. Forsch. Südwdtschl. 16 1957.—*M. virescens* see *Uresiphita polygonalis*.

Mestolobes (Hawaii) keys pp. 298–301; *chrysomolybda* Meyr. (= *crypsichrysa* M.) p. 310; (*Promylaea* M. a subgen. p. 327) *pyropa*, (*P.*) *quadri-fascia* distinguishing characters p. 332 figs., ZIMMERMAN Ins. Hawaii 8.

Metasia cypriusalis sp. n. Cyprus p. 56 fig., AMSEL Z. wien. ent. Ges. 43.

Micronix gen. n. (Endotrichinae) p. 52, *nivalis* sp. n. Venezuela p. 53 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Microrca gen. n. (nr. *Hypocosmia*), *bistrialis* sp. n. Venezuela p. 72 figs., AMSEL t.c.

Microsauga gen. n. (Chrysauginae), *bistrialis* sp. n. Venezuela p. 78 figs., AMSEL t.c.

Munroeia gen. n. (Pyraustinae), *transparentalis* sp. n. Venezuela p. 283 figs., AMSEL t.c.

Myelobia smerintha Hb. belongs in Crambidae not Galleriidae p. 24, FORBES in DE BIEZANKO, RUFFINELLI & CARBONELL Rev. Fac. Agron. Montevideo no. 46 1957.

Myelois venipars see *Amyelois*; *cirrigerella* see *Kyra*.

Nacoleia aldabralis Aldabra Is. p. 135, *guttalis* p. 134, *lucillalis*, *alphalis* p. 136 spp. n.; *argyropalis* subsp. n. *hovaalis* p. 137 Madagascar fig., VIETTE Mém. Inst. sci. Madag. (E) 9.

Neobanepa aglossodes see *Pyrалopsis peruvien-sis*.

Neocaphys gen. n. (nr. *Caphys*) p. 95, *purpuralis* sp. n. Venezuela p. 96 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Neurophyseta sabulalis see *Clarkeia*.

Nevrina Gn. (= *Eretmopteryx* Saalm.) p. 133, VIETTE Mém. Inst. sci. Madag. (E) 9.

Nonazochis gen. n. for *Azochis graphialis* Schs. p. 126 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Noorda orientalis Viette from *Stenia*; *phortalis* p. 148, *bethalis* p. 147, *librodalis*, *putralis* p. 149, *mario-nalis* p. 150, *amelokalis* p. 151 spp. n. Madagascar, VIETTE Mém. Inst. sci. Madag. (E) 9.

Notophytis see *Oeobia*; *bryochloris* see *O*.

Novocrambus gen. n. for *Crambus pygmaeus* Z. p. 30 fig., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Nyctegretis trianglella see *Synal-lorema*.

Oeobia Hb. (= *Udea* Gn., *Pyrausta* "section *Protocolletis*" Meyr., *Pro-taulacistis* M., *Notophytis* M. p. 119)

of Hawaii key pp. 133–140; *argoscelis* M. p. 141, *calliastra* M. (with *hyacinthias* M. p. 145, *synastra* M. p. 146 reduced to subspp.) p. 144, *caminopis* M. p. 146, *chalcophanes* M. p. 147, *chytropa* M. p. 148, *despecta* Btlr. (= *Phlyctaenia campylothea* Swez.) p. 150, *endopyra* M. p. 157, *ennychioides* B. p. 158, *ephippias* M. p. 160, *eucrena* M. (= *Pionea leucozonea* Hmps.) p. 161, *heterodoxa* M. p. 165, *lampadias* M. p. 166, *liopis* M. (with *rhodias* M. reduced to subsp. p. 168) p. 167, *metasema* M. p. 174, *micacea* B. (= *Phlyct. iocrossa* M.) p. 177, *monticolans* B. p. 179, *nigrescens* B. p. 181, *ommatias* M. p. 183, *pachygramma* M. p. 184, *phyllostegia* S. p. 186, *platyleuca* M. p. 188, *pyranthes* M., *stellata* B. p. 193, *violae* S. from *Phlyct.*; *thermantoides* (emend. of *thermantoidis*) S. p. 201, *brontias* M. p. 143, *constricta* B. p. 149, *dracontias* M. p. 154, *dryadopa* M. p. 155, *litorea* B. (= *Pionea poliochroa* Hmps.) p. 170, *phaethontia* M. p. 185, *psychropa* M. p. 191, *thermantis* M. p. 199, *chloropis* M. from *Pyrausta*; *conisalias* M. p. 148, *helioxantha* M. p. 163, *melanopis* M. p. 172 from *Loxostege*; *aurora* B. from *Pionea* p. 142; *bryochloris* M. from *Notophytis* p. 144; *cataphaea* M. p. 147, *swezeyi* Zimm. p. 197 from *Protaulacistis* figs., ZIMMERMAN Ins. Hawaii 8.

Omiodes martini p. 214, *alboanalis* p. 215, *cervinalis* p. 216 spp. n. Venezuela figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.—*O. pritchardii* see *Hedylepta*.

Ommatopteryx (*Eromene*) *cypriusella* sp. n. Cyprus p. 51 fig., AMSEL Z. wien. ent. Ges. 43.

Omphisa plagialis see *Sinomphisa*.

Ortholepis myricella p. 2, *rhodorella* p. 4 spp. n. Nova Scotia figs., McDUNNOUGH Amer. Mus. Novit. no. 1917.

Orthomecyna cupreipennis Btlr. a subsp. of *exigua* p. 291 figs., ZIMMERMAN Ins. Hawaii 8.

Oryctometopia venezuelensis sp. n. Venezuela p. 49 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Pachynoa maccalis see *Polygrammodes*.

Palpita Hb. nomenclature discussed p. 57; *unionalis* in Holland p. 52 figs., KUCHLEIN Ent. Ber., Amst. 18.

Palpusia gen. n. for *Pilocrocis terminalis* Dogn. (type) p. 209; *squamipes* sp. n. Venezuela p. 210 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Parachmopsis gen. n. for *Hyperparachma butyropis* Meyr. (type); *congrualis* sp. n. Venezuela p. 74 figs., AMSEL t.c.

Paraponyx, *Synclita* distinguishing characters p. 266 figs., ZIMMERMAN Ins. Hawaii 8.

Parerupa africana Auriv. (= *diagonalis* Hmps.) from *Diatraea* p. 190, MARTIN Bull. ent. Res. 49.

Parthenodes ankasokalis sp. n. Madagascar p. 156, VIETTE Mém. Inst. sci. Madag. (E) 9.

Pempelia albicostella sp. n. Cyprus p. 53 fig., AMSEL Z. wien. ent. Ges. 43.

Phidotricha (*Pococera*) *venezuelensis* sp. n. Venezuela p. 58 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

Phlyctaenia argoscelis, *calliastra*, *caminopis*, *chalcophanes*, *chytropa*, *despecta* (*campylothea*), *endopyra*, *ennychioides*, *ephippias*, *eucrena*, *heterodoxa*, *lampadias*, *liopis*, *metasema*, *micacea* (*iocrossa*), *monticolans*, *nigrescens*, *ommatias*, *pachygramma*, *phyllostegia*, *platyleuca*, *pyranthes*, *stellata*, *violae* see *Oeobia*; *hyacinthias*, *synastra* see *O. calliastra*; *rhodias* see *O. liopis*.

Phostria monotona p. 218, ? *marginalis* p. 220, *memmialoides* p. 221 spp. n. Venezuela figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.—*P. anastrepta*, *anastreptoides*, *antidoxa*, *asaphombra* (*hemiombra*), *blackburni*, *continuatalis*, *demaratalis*, *giffardi*, *epicentra*, *euryprora*, *fullawayi*, *iridias*, *laysanensis*, *localis*, *maia*, *meyricki*, *monogona*, *monogramma*, *musicola*, *telegrapha*, *scotaea* see *Hedylepta*; *pallas* see *Polygrammodes hirtusalis*.

Phycitini trib. n. (*Phycitini* subtrib. n.) p. 207, AGENJO Eos 34.

Phycitinae key to Hawaiian genn. p. 353 figs., ZIMMERMAN Ins. Hawaii 8.

Pileocera albicinctata Hmps. (= *Sematosopha leucodelta* Meyr.) p. 270, WHALLEY Entomologist 91.

Pilocrocis janinalis p. 127, *deltalis*, *italavalis* p. 128, *fanovalis* p. 129 spp. n. Madagascar, VIETTE Mém. Inst. sci.

Madag. (E) 9.—*P. melanoproctis* see *Praecacropsila*; *chlorialis* see *Mar-cayia*; *terminalis* see *Palpusia*; *micro-bathra* see *Apilocrocis*; *infuscalis* see *Coremataria*; *liberalis*, *imbrexalis* see *Ceratocilia*.

Pionea aurora see *Oeobia*; *leucozo-neia* see *O. eucrena*; *poliochroa* see *O. litorea*.

Plantegumia gen. n. (Pyraustinae) p. 255, *venezuelensis* sp. n. Venezuela p. 256 figs., AMSEL Bol. Ent. venezol. 10 1956 & 1957.

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talassica H. & S. preocc. p. 273 figs., HOLIK & SHELJUZHKO Mitt. münch. ent. Ges. 48.—*Z.* of Maritime Alps pp. 45–63; *erythrus* subsp. n. *azurica* p. 47; *e. abb. n. latemarginata*, *pseudoerythrus*; *hilaris* subssp. n. *nicaeica* p. 48; *h. abb. n. pseudoononidis*, *medioseparata*, *sextaseparata* p. 49; *occitanica* subsp. n. *azurensis* p. 50; *transalpina* abb. n. *infuscata*, *albicinctus*; *romeo* abb. n. *striata* p. 51, *quinquemacula* p. 52; *r. subsp. n. loritzi* p. 56; *gallica* subsp. n. *giesekingiana* p. 53; *meliloti* subsp. n. *barnabeica*; *m. abb. n. sextaseparata* p. 55, *tenuialimbata*; *m. decora* Led. nom. emend. p. 56; *cynarae* subsp. n. *vallettensis* p. 61 Maritime Alps, REISS Bull. Soc. ent. Mulh. 1958.—*Z.* series of development, REISS Z. Wien. ent. Ges. 43: 140–147, 155–163, 181–183, 3 fldg. tables.—*Z. purpuralis* Brün. neotype designation p. 144, REISS Ent. Z. 68.—*Z.* of Britain pp. 187–196; *purpuralis* subsp. n. *segontii* Britain p. 188; *loti* Schiff. and Den. (= *fulvia* F.); *l. scotica* R.-Br. (= *achilleae caledonica* Reiss); *viciae* Schiff. and Den. (= *Sphinx meliloti* Esp.) p. 190; *hippocrepidis* Hb., Steph. status discussed p. 191; *degenerata* n. n. for *filipendulae hippocrepidis* Hb., Tutt nec Hb. p. 192; *trifolii* Esp. (= *t. ytenensis* Briggs) p. 195, TREMEWAN Ent. Gaz. 9.—*Z. pimpinellae* Guhn a subsp. of *diaphana* not *purpuralis*; *interrupta* Staud. an ab. of *d. pimpinella* not *purpuralis*; *heringi* Zell. a subsp. of *purpuralis*; *purpuralis* subsp. n. *pseudodiaphana* Asia Minor p. 184, TREMEWAN t.c.—*Z. scabiosae* Schev., *romeo* Dup. (♂ genitalia compared) distinct spp. pp. 15–20; *s. subssp. n. trimacula* p. 15, *vogesiaca*, *expansa* p. 20 France; *r. subsp. n. atlantica* Morocco; *agenjoi* sp. n. Spain p. 21 figs., LE CHARLES Rev. franç. Lépid. 16 1957.—*Z. transalpina occidentalis* ab. n. *argentalis*; *filipendulae r. n. breillati* p. 67; *trifolii r. n. dumezi* p. 68 France, LUCAS Bull. mens. Soc. linn. Lyon 27.—*Z. carnicola* races in Bohemia (biometric methods) p. 103–132; *c. subvar. n. bohemia* Bohemia p. 116 figs., KOMÁREK Folia ent. hung. (N.S.) 11.—*Z. transalpina*, *angelica*, *hippocrepidis* compared p. 1 figs., ALBERTI Bull. Soc. ent. Mulh. 1958.—*Z. pimpinellae*, *purpuralis* in Germany pp. 4–8, ALBERTI Ent. Z. 68.—*Z.*

spp. of N. Greece pp. 37–46, DANIEL Fragm. balcan. 2.—*Z. purpuralis*, *pimpinellae* good spp. pp. 49–54, ALBERTI NachrBl. bayer. Ent. 6 1957.—*Z. (Coelestis) seitzii* subsp. n. *excaleraiana* Persia p. 17, HOLIK Ent. Z. 68.—*Z. purpuralis* Brün. identity discussed p. 197 figs., HOFFMEYER Ent. Gaz. 9.—*Z. cynarae* subsp. n. *tolmezzana* Italy p. 84 (compared to related subssp. p. 85), MEIER NachrBl. bayer. Ent. 6 1957.

MEGALOPYGIDAE.

Edebessa Wlk. a good gen. not syn. of *Trosia* pp. 9, 14 figs., CLENCH Neotropica 2 1956.

Endobrachys F. & R. a good gen. not syn. of *Trosia* pp. 9, 11, CLENCH t.c.

Eochroma gen. n. for *Trosia pulchella* Schaus p. 10 figs., CLENCH t.c.

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Pachythelia villosella larva p. 284, chrysalis p. 286, adult pp. 292, 294 figs., FIORI Boll. Ist. Ent. Univ. Bologna 22.

Siederia subgen. n. (type *alpicolella* Reb.) see *Solenobia*.

Solenobia (key to Swiss spp. pp. 176–179) morphology and systematics of early stages pp. 95–183 figs., GALLIKER Rev. suisse Zool. 65.—*S. (Siederia subgen. n.) charlottae* p. 56, (*Brevantennia styriaca* p. 59 Austria, (*Sol.*) *friulana*

Italy p. 57 spp. n., MEIER NachrBl. bayer. Ent. 6 1957.—*S. lichenella* L. (= *fumosella* Hein. nec Sauter) p. 329; *larella* Chret. (further description p. 331) a good sp. p. 330 figs., SAUTER Mitt. schweiz. ent. Ges. 31.

COSSIDAE.

Dudgeonidae fam. n. for *Dudgeonea* Hmps. (from Cossidae) (in key p. 81), BERGER Lambillionea 57: 73.

Cossus terebra, *cossus* distinguishing characters p. 122 figs., SCHNAIDER Ann. zool., Warsaw 17.—*C. sakalava* sp. n. Madagascar p. 105 fig., VIETTE Lambillionea 57.

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TORTRICIDAE.

Catalogue of the types of Tortricidae in the Brit. Mus. (Nat. Hist.) described by Meyrick, Vol. III, CLARKE 263 pp. 131 pls.

The genera of Australian Tortricidae (phylogeny of subfam. p. 294), COMMON Proc. 10th int. Congr. Ent. Montreal 1956 1: 289-295, 7 figs.

Zeller's types of African Tortricidae and Glyphipterygidae in Stockholm Mus., DIAKONOFF Ent. Tidskr. suppl. 78: 69-80, 11 figs.

Archipinae of N. America (type spp. p. 10, key to genn. p. 12, check list p. 65), FREEMAN Canad. Ent. 90 suppl. 7: 3-89, 258 figs.

Distinguishing characters of subfam. Sparganothinae and distribution of genn., LAMBERT Proc. 10th int.

Congr. Ent. Montreal 1956 1: 299. [Abstr.]

Archipsini morphology of some pupae (key to genn. and spp. p. 187), PATOČKA Acta Soc. ent. Čsl. 55: 185-197, 17 figs.

Notes on Bavarian Tortricidae, PRÖSE NachrBl. bayer. Ent. 7: 26-30.

Larval systematics of Tortricidae, keys, SWATSCHKE Abh. Larvalsyst. Ins. Nr. 3 28-248 pp. 271 figs.

Acleris acmanthes Meyr., *agrioma* M., *amethysta* M., *aphorista* M. p. 3, *chalcophanes* M., *compsotila* M., *croc-optycha* M. p. 4, *cuprata* M., *dryadarcha* M. p. 7, *enitescens* M., *eriotyla* M. p. 8, *hapalactis* M. p. 11, *napaea* M., *nectaritis* M., *orphanocycla* M., *placata* M. p. 12, *semitexta* M. p. 15, *siderota* M., *tephromorpha* M., *xylochyas* M. p. 16 from *Peronea*; *chionocentra* M. p. 4, *elaearcha* M., *erythrites* M. p. 8, *glaucomis* M., *leucophracta* M. p. 11 from *Argyrotoxa*; *curiosa* M., *dictyodes* M. p. 7, *loxoscia* M. p. 11, *rapax* M., *sagmatias* M. p. 15 from *Oxygrapha*; *boscana* F. (= *Peronea ulmicola* M.) p. 19 figs., CLARKE Cat. Microlep. Meyrick Vol. III.—*A. heringi* sp. n. Samarkand p. 139, RAZOWSKI Bull. ent. Pologne 27.

Adoxophyes cyrtosema Meyr. a distinct sp. p. 118 fig., DIAKONOFF Beitr. Ent. 8.

Aesiocopa concavata Meyr. from *Cacoecia* p. 24 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

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Amorbia maracayana sp. n. Venezuela p. 289 figs., AMSEL Bol. Ent. venezol. 10 1956 and 1957.

Anacrusis aerobatica Meyr. from *Cacoecia*; *aulaeodes* M. from *Eulia*; *piriferana* Zell. (= *Cacoecia geographica* Meyr.) from *Grapholitha* (Olethreut.) p. 28 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Anisogona Meyr. removed from syn. of *Homona* Wlk. p. 32 figs., CLARKE t.c.

Archippus gen. n. for *Tortrix packardiana* Fern. (type), *oporana* L., *alberta* McD., *striana* Fern., *dissitana* Grote (key) p. 15 figs., FREEMAN Canad. Ent. 90 suppl. 7.

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Argyrotaenia key to spp. p. 44; *ivana* Fern., *purata* Meyr. p. 53, *provana* Kft. p. 54, *dorsalana* Dyar p. 55 from *Tortrix* figs., FREEMAN Canad. Ent. 90 suppl. 7.

Argyrotoxa chionocentra, *elaearcha*, *erythraea*, *glaucomis*, *leucophracta* see *Acleris*.

Atteria flabellata see *Pseudatteria splendens*.

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Cacoecia eucroca sp. n. S. China p. 119 figs., DIAKONOFF Beitr. Ent. 8.—*C. concavata* see *Aesiocopa*; *rhythmogramma* see *Templemania*; *aerobatica* see *Anacrusis*; *geographica* see *A. piriferena*; *binigrata*, *contemptrix*, *difficilis*, *eupatris*, *euryplinthia*, *hemixantha* (*expleta*), *compacta*, *ochrostoma*, *paredraea*, *pensilis*, *permutata*, *philippa*, *pomivora*, *salaconis*, *sarcostega*, *secura*, *seditiosa*, *solida*, *stenochorda*, *subsidiaria*, *symmetra*, *termias*, *thrasaleopa*, *micaceana* (*epicyrta*, *isocyrta*, *machlopiis*) see *Archips*; *retiniana* see *Choristoneura*; *melaleucana* see *Clepsis*.

Cephaloglypta murinanae Bauer (= *excavata* Obrt.) p. 178, ZWÖLFER & KRAUS Entomophaga 2 1957. [See Z.R. 94 1957 No. 3877.]

Choristoneura key to spp. p. 31; *lambertiana* Bsk., *carnana* Bar. &

Bsk. p. 36, *conflictana* Wlk., *fractivittana* Clem. p. 37, *houstonana* Grote p. 38, *rosaceana* Harris p. 39, *parallela* Rob. p. 40, *obsoletana* Wlk. p. 41, *zapulata* Rob., *seminolana* Kft. p. 42 from *Archips*; *retiniana* Wlsh. from *Cacoecia* p. 36; *albaniana* Wlk. from *Pandemis* p. 38 figs., FREEMAN Canad. Ent. 90 suppl. 7.

Clepsis key to spp.; *persicana* Fitch from *Archips* p. 60; *fucana* Wlsh. from *Archips* p. 60; *fucana* Wlsh. from *Archips* p. 60; *clemensiana* Fern. p. 62, *flavidana* McD. p. 64 from *Tortrix*; *melaleucana* Wlk. from *Cacoecia*; *moeschleriana* Wlk. from *Cnephasia* p. 63 figs., FREEMAN t.c.

Cnephasia syriella Syria p. 21, *tolli* Haifa p. 22 spp. n. figs., RAZOWSKI Acta zool. cracov. 1 1956.—*C. (Brachycnephasia)* spp. discussed pp. 76–79; *pumicana* ♂ genitalia; (*B.*) *tripolitana* p. 76, (*C.*) *fiorii* p. 81 Libya, (*B.*) *klimeschi* Macedonia p. 79 spp. n. figs., RAZOWSKI Bull. ent. Pologne 27.—*C. sedana* subsp. n. *amseli* Persia p. 101, *viridescens*, *virgiana* genitalia p. 104 figs., RAZOWSKI Beitr. naturk. Forsch. Südwestschl. 16 1957.—*C. tolli* subsp. n. *palaestinensis* Cyprus p. 71, AMSEL Z. wien. ent. Ges. 43.—*C. peritana*, *virescana* see *Ptycholoma*; *moeschleriana* see *Clepsis*.

Ditula encratopis Meyr., *euryplaca* M., *portuosa* M. from *Batodes* p. 107 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Epitymbiinae subfam. n. for *Epitymbia* Meyr. & allied genn. p. 291 figs., COMMON Proc. 10th int. Congr. Ent. Montreal 1956 1.

Eulia torrens Meyr. from *Eucosma* (*Olethreut.*) p. 140 figs., CLARKE Cat. Microlep. Meyrick Vol. III.—*E. neolopha* see *Laspeyresia* (*Olethreut.*).

Harmologa halirrhothia see *Schoenotenes*.

Oxygrapha curiosa, *dictyodes*, *loxoscia*, *rapax*, *sagmatias* see *Acleris*.

Oxypteron amseli sp. n. Rjabov p. 101 fig., RAZOWSKI Beitr. naturk. Forsch. Südwestschl. 16 1957.

Pandemis albaniana see *Choristoneura*.

Peronea acmanthes, *agrioma*, *ame-thysta*, *aphorista*, *chalcophanes*, *compsoptila*, *crocoptycha*, *cuprata*, *dryadarcha*, *enitescens*, *erioptila*, *hapalactis*, *napaea*, *nectaritis*, *orphanocycla*, *placata*, *semitexta*, *siderota*, *tephromorpha*, *xylodryas* see *Acleris*; *ulmicola* see *A. boscana*; *sphenobathra*, *trochilodes*, *limosa* see *Polyortha*; *purpurascens* see *P. gradatulana*.

Polyortha gradatulana Zell. (= *Peronea purpurascens* Meyr.) from *Teras*; *bryographa* Meyr. p. 184, *marmarodes* M., *sphenobathra* M., *trochilodes* M. p. 187, *limosa* M. p. 188 from *Peronea* figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Pseudatteria heliocausta Dogn. (= *fornicata* Meyr., *metacapna* M.) p. 196; *splendens* Druce (= *Atteria flabellata* Meyr.); *synplacota* M. (= *anemonantha* M.) p. 200 figs., CLARKE t.c.

Ptycholoma peritana Clem. p. 58, *virescana* Clem. from *Cnephasia*; *glauca* Wlsh. from *Tortrix* p. 59 figs., FREEMAN Canad. Ent. 90 suppl. 7.

Schoenotenes halirrhothia Meyr. from *Harmologa* p. 215 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Siclobola xylotoma Meyr. from *Tortrix* figs., CLARKE t.c.

Sphaeloptera alpicolana Alpine variations pp. 1-5; *a. ff. n. obscurana*, *pallidana* Europ. Alps. p. 4 figs., BURMANN Ent. NachrBl. 10.

Syndemis saburrana re-description p. 76 figs., DIAKONOFF Ent. Tidskr. Suppl. 78.—*S. afflictana* Wlk. from *Tortrix* p. 43 fig., FREEMAN Canad. Ent. 90 suppl. 7.

Templemania rhythmogramma Meyr. from *Cacoecia* p. 228 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Teras gradatulana see *Polyortha*.

Terthreutis Meyr. (= *Amniodes* M.) p. 231, CLARKE Cat. Microlep. Meyrick Vol. III.

Tortrix packardiana, *oporana*, *alberta*, *striana*, *dissitana* see *Archippus*; *afflictana* see *Syndemis*; *ivana*, *purata*, *provana*, *dorsalana* see *Argyrotaenia*; *glauca* see *Ptycholoma*; *fulcana*, *clemensiana*, *flavidana* see *Clepsis*; *encausta* see *Archips*; *xylotoma* see *Siclobola*; *melananchis* see *Xenothictis*

atriflora; *noctivola* see *Eucosma* (*Olethreut.*); *caryocryptis* see *Olethreutes* (*Olethreut.*).

Xenothictis atriflora Meyr. (= *Tortrix melananchis* M.) p. 263 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

OLETHREUTIDAE (EUCOSMIDAE).

Catalogue of type specimens of Olethreutidae in the Brit. Mus. (Nat. Hist.) described by Meyrick, Vol. III, CLARKE 267-600 pp. 132-298 pls.

Genera of Palaearctic Tortricidae (key to subfam. p. 229), II—Olethreutinae (key to tribes p. 234), OBRAZTSOV Tijdschr. Ent. 101: 229-261, 24 figs.

Acharneodes ischnobathra see *Eucosma*.

Acroclita aestuosa Meyr. from *Spilonota* p. 267; *macrosaris* Meyr. from *Eucosma* p. 275 figs., CLARKE Cat. Microlep. Meyrick Vol. III.—*A. eclipticodes*, *microrrhyncha* see *Erinaea*.

Ancyliis lundana f. n. *marginepunctata* Germany p. 50 fig., KUCHLEIN Ent. Ber., Amst. 18.—*A. aromatias* Meyr. (= *cyanostoma* M.) p. 288 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Aphania funerea Meyr. (= *Argyroplote youngana* McD.); *generosa* Meyr. from Arg. p. 300 figs., CLARKE t.c.—*A. salicaceana* sp. n. Canada p. 27 figs., FREEMAN Lepid. News 11.

Argyroplote youngana see *Aphania funerea*; *generosa* see *Aphania*; *constructa* see *Aterpia*; *colivora*, *leuco-treta*, *praesiliens*, *xylodelta* see *Cryptophlebia*; *lasiandra* see *C. ombrodelta*; *banausopsis* see *Endothenia*; *caveata* see *Epismus*; *lobocasis* see *Exartema*; *torticornis* see *Gymnandrosoma*; *acro-sema*, *aegidia*, *aeolantha*, *aeolochlora*, *aeraria*, *agathopsis*, *anaplecta*, *anco-sema*, *anemodes*, *antaea*, *aristomorpha*, *astrosema*, *autoberylla*, *balanaema*, *branchiodes*, *brevisepta*, *bryoscopa*, *cal-chantis*, *callichlora*, *callicratis*, *camarotis*, *caryactis*, *craserias*, *semiculta* (*heteraspis*), *stellans* (*cassiterastris*) & others see *Olethreutes*; *ptilosoma*, *temenopsis* see *O. phyllochlora*; *eaolotechna* see *Phaeacadophora*; *charadraea*, *eumena*, *ptarmicopa*, *scaeaepis*, *tectigera*

see *Platyepelus*; *syndeltias* see *Plat. piratodes*; *atricapsis*, *mnioptyrrha*, *pe-tromacha*, *sideroxyta* see *Proschistis*; *aspidias* see *Statherotis*.

Articolla piratodes see *Platyepelus*.

Aterpia constructa Meyr. from *Argyroplote* p. 304 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Bactra gozmanyana sp. n. Poland p. 65 (compared with *lanceolana*, *robustana*, *furfurana* pp. 66-73) figs., TOLL Ann. zool., Warsaw 17.—*B. stagnicolana* re-description p. 77 figs., DIAKONOFF Ent. Tidskr. Suppl. 78.

Carpocapsa semilunana see *Cryptophlebia*.

Crociosema plebeiana Zell. (= *ptiladelpha* Meyr.) p. 319 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Cryptasasma brachyptycha Meyr., *lasiura* M. from *Eucosma* p. 323 figs., CLARKE t.c.

Cryptophlebia batrachopa Meyr. from *Enarmonia*; *isomalla* Meyr. from *Eucosma*; *colivora* M. p. 324, *leucotreta* from *Argyroplote*; *ombrodelta* Lower (= *Argyroplote lasiandra* M.) p. 327 figs., CLARKE t.c.—C. (C.) *semilunana* Saalm. (= *Argyroplote prae-siliens* Meyr., *A. xylodelta* M.) from *Carpocapsa* p. 89 figs., DIAKONOFF Senckenb. biol. 39.

Cydia porpota see *Epiblema*.

Dichrorampha of Palaearctic region (key to subgen. p. 244; catalogue of spp. pp. 245-256) pp. 238-261; (*Paralipoptycha* n. n. for *Lipoptycha* Heinr. nec Ld.) p. 244; (*D.*) *cinerosana* subsp. n. *pseudocinerosana* Estonia p. 257; (*Dichroramphodes*) *danilevskyi* n. n. for *immaculata* Danil. nec McD. p. 260; (*Paralipoptycha*) *eide-manni* Obr. a good sp. not subsp. of *resplendana* p. 261 figs., OBRAZTSOV Tijdschr. Ent. 101.

Eccopsis wahlbergiana re-description p. 69 figs., DIAKONOFF Ent. Tidskr. Suppl. 78.—*E. aprobola* see *Platyepelus*.

Enarmonia leplastriana Curtis (= *Ephippiphora maderae* Wollst.) p. 193, BRADLEY Entomologist 91.—*E. batrachopa* see *Cryptophlebia*; *ancalota*, *ioxantha* see *Olethreutes*.

Endothenia banausopis Meyr. from *Argyroplote* p. 332 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Ephippiphora maderae see *Enarmonia leplastriana*.

Epiblema leucopetra Meyr., *riciniata* M. from *Eucosma*; *porpota* M. from *Cydia* p. 332 figs., CLARKE Cat. Microlep. Meyrick Vol. III.—*E. ancyrota* see *Epinotia*.

Epinotia ancyrota Meyr. from *Epiblema* p. 335 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Epismus caveata Meyr. from *Argyroplote* p. 335 figs., CLARKE t.c.—*E. mollita* see *Eucosma*.

Erinaea verditer Hmps. a distinct sp. not syn. of *chlorantha* p. 340; *eclipticodes* Meyr., *microrrhyncha* M. from *Acroclita* p. 343 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Eucosma abathrodes Meyr. from *Gypsonoma* p. 347; *ischnobathra* M. from *Acharneodes* p. 367; *mollita* M. from *Epismus* p. 375; *noctivola* M. from *Tortrix* p. 376; *psychrodora* M. from *Phtheochroa* p. 384; *critica* M. (= *pseudomorpha* M.) p. 359; *cyanopsis* M. (= *melanochlaena* M.) p. 360; *neroidopa* M. (= *phylloscia* M.) p. 376; *mediostriata* Wlsm. (= *sepulchrana* M.) p. 420 figs., CLARKE t.c.—*E. macrosaris* see *Acroclita*; *brachyptycha*, *lasiura* see *Cryptasasma*; *isomalla* see *Cryptophlebia*; *leucopetra*, *riciniata* see *Epiblema*; *ephoropa*, *holocrypta*, *phaeocremna*, *solidata* see *Gypsonoma*; *attica*, *cerographa*, *iograptia*, *leucaspis*, *litigiosa*, *miltographa*, *mniochlora*, *orophias*, *rhodantha*, *trophiodes* see *Olethreutes*; *tetropsis* see *Strepsicrates*; *eumarodes* see *Str. holotephra*; *torrens* see *Eulia* (Tortr.); *aulaeodes* see *Anacrusis* (Tortr.).

Evetria buoliana, *pinicolana* characters p. 197 (distribution) figs., BAKKE Norsk ent. Tidsskr. 10.

Exartema lobocasis Meyr. from *Argyroplote* p. 395 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Grapholitha bigeminata Meyr., *biserialis* M., *callisphena* M., *cyanogona* M. p. 396, *fistularis* M., *hylophanes* M., *ioxesta* M., *optica* M. p. 399, *pala-medes* M., *pycnograpta* M., *sporo-sema*

M. p. 400, *torodelta* M., *uranatma* M. p. 403 from *Laspeyresia* figs., CLARKE t.c.—*G. spissana* re-description p. 74 figs., DIAKONOFF Ent. Tidskr. Suppl. 78.—*G. piriferana* see *Anacrusis* (Tortr.).

Gymnandrosoma torticornis Meyr. from *Argyroploce* p. 403 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Gypsonoma ephoropa Meyr., *holocrypta* M., *phaeocremna* M. p. 404, *solidata* M. p. 407 from *Eucosma* figs., CLARKE t.c.—*G. abathrodes* see *Eucosma*.

Laspeyresia praedorsana sp. n. Cyprus p. 71 fig., AMSEL Z. wien. ent. Ges. 43.—*L. neolopha* Meyr. from *Eulia* (Tortr.) p. 447; *tricentra* M. (= *crocopa* M., *pseudonectis* M.) p. 460 figs., CLARKE Cat. Microlep. Meyrick Vol. III.—*L. fabivora* Meyr. (= *leguminis* Heinr.) p. 187, CLARKE Proc. ent. Soc. Wash. 60.—*L. coniferana*, *duplicana* distinguishing characters pp. 55–57 figs., AGENJO Graellsia 16.—*L. bigeminata*, *biserialis*, *callisphena*, *cyanogona*, *fistularis*, *hylophanes*, *ioxesta*, *optica*, *palamedes*, *pycnograpta*, *sporsema*, *torodelta*, *uranata* see *Grapholitha*.

Lobesia acanthis Meyr., *anceps* M., *arenacea* M. p. 464, *chionolitha* M., *fallax* M. p. 467, *formalis* M., *gabina* M. p. 468, *organica* M., *orphica* M. p. 471, *oxymochla*, *pedias* p. 472 from *Polychrosis* figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Olethreutes acrosema Meyr., *aegidia*, *aeolantha* M., *aeolochlora* p. 480, *aeraria* M., *agathopis* M., *anaplecta* M. p. 483, *ancosema* M., *anemodes* M., *antaea* M., *aristomorpha* M. p. 484, *astrosema* M., *autoberylla* M., *balanacma* M. p. 487, *branchiodes* M., *brevisecta* M., *bryoscopya* M., *calchantis* M. p. 488, *callichlora* M., *callicratis* M., *camarotis* M., *caryactis* M. p. 491, *creserias* M. p. 499, *semiculta* M. (= *Argyroploce heteraspis* M.) p. 547, *stellans* M. (= *A. cassiterastris* M.) p. 551, and other spp. from *A.*; *ancalota* M. p. 483, *ioxantha* M. p. 523 from *Enarmonia*; *attica* M. p. 487, *cerographa* M. p. 496, *iograpta* M. p. 523, *leucaspis* M. p. 524, *litigiosa* M. p. 527, *miltographa* M., *mniochlora* M. p. 528, *orphias* M. p. 532, *rhodantha* M. p. 543, *trophiodes*

M. p. 559 from *Eucosma*; *caryocryptis* M. from *Tortrix* p. 492; *cellifera* M. from *Polychrosis* p. 495; *creserias* M. p. 499, *erotias* M. p. 507, *harmonica* M., *hedraea* M. p. 515, *mormopa* M. p. 531, *phyllochloa* M. (= *A. pilosoma* M., *A. demenopsis* M.) p. 535, *threnodes* M. (= *Platyepplus tetracona* M.) p. 555 from *Plat.*; *purpurissatana* Kennel from *Penthina* p. 540 figs., CLARKE t.c.

Penthina purpurissatana see *Olethreutes*.

Petrova wenzeli Kearf. (= *virginiana* Busck) p. 273 figs., MILLER & ALTMANN Ohio J. Sci. 58.

Phaecadophora eaolotechna Wlsm. from *Argyroploce* p. 571 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Phtheochroa psychrodora see *Eucosma*.

Platyepplus aprobola M. from *Eccopsis*; *piratodes* M. (= *Argyroploce syndeltias* M.) from *Articolla*; *charadraea* M., *eumenica* M. p. 572, *ptarmicopa* M., *scaeaepis* M., *tectigera* M. p. 575 from *Arg.* figs., CLARKE Cat. Microlep. Meyrick Vol. III.—*P. creserias*, *erotias*, *harmonica*, *hedraea*, *phyllochloa*, *threnodes* (*tetracona*) see *Olethreutes*.

Polychrosis acanthis, *anceps*, *arenacea*, *chionolitha*, *fallax*, *formalis*, *gabina*, *organica*, *orphica*, *oxymochla*, *pedias* see *Lobesia*; *cellifera* see *Olethreutes*; *inflicta* see *Proschistis*.

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Sericoris scabellana re-description p. 72 figs., DIAKONOFF Ent. Tidskr. Suppl. 78.

Spilonota aestuosa see *Acroclita*; *dilacerata*, *holotephra*s, *rhothia* see *Strepsicrates*; *viridans* see *S. tetropis*; *imminens* see *S. smithiana*.

Statherotis aspidias Meyr. from *Argyroploce*; *agitata* M. from *Proschistis* p. 595 figs., CLARKE Cat. Microlep. Meyrick Vol. III.

Strepsicrates dilacerata Meyr., *holotephra*s M. (= *Eucosma eumarodes*

M.), *rhothia* M. from *Spilonota* p. 596; *tetropsis* Busck (= *Sp. viridans* M.) from *Eucosma*; *smithiana* Wlsm. (= *Sp. imminens* M.) p. 600 figs., CLARKE t.c.

CARPOSINIDAE.

Larval systematics of Carposinidae, keys, JANSE Moths S. Afr. 6 pt. 1: Ins. Nr. 3 248–250 pp. 272–276 figs.

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Gelechiidae of South Africa (contd.), keys, JANSE Moths S. Afr. 6 pt. 1: 1–144, 32 pls.

Acompsia oenochyta see *Leuronoma*.

Acutitornus key; *kalahariensis* p. 95, *leucostola*, *munroi* p. 97 spp. n. Kalahari Desert figs., JANSE Koedoe no. 1.

Allotelphusa gen. n. for *Telphusa lathridia* Meyr. p. 96 figs., JANSE Moths S. Afr. 6 pt. 1.

Anacampsis biguttella see *Iwaruna*; *melagonella* see *Monochroa*.

Anarsia burmanni sp. n. France p. 179 fig., AMSEL Beitr. naturk. Forsch. Südwdtschl. 17.

Aspasiodes gen. n. for *Gelechia hutchinsonella* Wlsm. p. 35 figs., JANSE Moths S. Afr. 6 pt. 1.

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Capnosema gen. n. (nr. *Schizovalva*) p. 121, *celidota* sp. n. Namaqualand p. 122 figs., JANSE Moths S. Afr. 6 pt. 1.

Catabrachmia palustrella Doug. (from *Xystophora*) (= *rozsikella* Reb.) p. 286, AMSEL Z. wien. ent. Ges. 43.

Chelaria sapindivora sp. n. Japan p. 4 figs., CLARKE Ent. News 69.

Chionodes holosericea H.-S. (= *norvegiae* Strand, *Gelechia dovrella* Grönl.), *lugubrella* F., *viduella* Hb., *electella* Z., *ignorantella* H.-S., *oppletella* H.-S., *continuella* Z., *nubilella* Zett., *distinctella* Z., *violacea* Tngstr. from *Gelechia* pp. 219–220 figs., SATTLER Norsk ent. Tidsskr. 10.

Crossotocera wagnerella subsp. n. *tripunctella* Cyprus p. 74, AMSEL Z. wien. ent. Ges. 43.

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Depressaria erinaceella (larva pp. 8–19) all stages pp. 4–20 figs., PROTA Studi sassaresi (3) 4.

Ephysteris key to S. Afr. spp. p. 104; *pentamacula* sp. n. S. Africa p. 107 figs., JANSE Moths S. Afr. 6 pt. 1.

Epitheatia farinata, *sordidula* see *Paratheatia*.

Flexiptera gen. n. for *Telphusa revoluta* Meyr. p. 94 figs., JANSE Moths S. Afr. 6 pt. 1.

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Holaxyra orthacma Meyr. (= *Megacraspedus taphritis* M.) p. 136 figs., JANSE t.c.—*H. tongoborella* sp. n. Madagascar p. 113, VIETTE Rev. franç. Ent. 25.

Ischnocraspedus gen. n. for *Megacraspedus peracuta* Meyr. p. 140 figs., JANSE Moths S. Afr. 6 pt. 1.

Iwaruna biguttella H.-S. from *Anacampsis* p. 272; *klimeschi* sp. n. Austria p. 276 figs., WOLFF Ent. Medd. 28.

Lamprotes atrella Hw. (= *Gelechia nigritella* Zell.) p. 277 figs., WOLFF t.c.

Lasiarchis hirsuta sp. n. S. Rhodesia; *pyncnodes* Meyr. (= *elaeoxyla* M.) p. 50 figs., JANSE Moths S. Afr. 6 pt. 1.

Lecithocera bariella sp. n. Madagascar p. 114 figs., VIETTE Rev. franç. Ent. 25.

Lecitocera flavipalpella see *Gelechia*.

Leuronoma key to spp. p. 39; *magna* sp. n. Transvaal, S. Rhodesia p. 41; *eodryas* Meyr. from *Telphusa* p. 40; *oenochyta* M. from *Acompsia*; *textifera* M. from *Phthorimaea* p. 43 figs., JANSE Moths S. Afr. 6 pt. 1.

Macracaena gen. n. (nr. *Pectinophora*), *adela* sp. n. Queensland p. 300 figs., COMMON Aust. J. Zool. 6.

Megacraspedus incola see *Scrobipalpa*; *taphritis* see *Holaxyra orthacma*; *brachypogon*, *photinopa* see *Microcraspedus*; *peracuta* see *Ischnocraspedus*.

Melitoxoides gen. n. for *Gelechia cophias* Meyr. (type), *leucodoxa* M., *panaula* M. (= *G. eusebasta* M. p. 31) (characters p. 29) p. 28 figs., JANSE Moths S. Afr. 6 pt. 1.

Microcraspedus gen. n. for *Megacraspedus brachypogon* Meyr. (type), *photinopa* M. p. 137 figs., JANSE t.c.

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Monochroa nordmanella sp. n. Finland p. 118 figs., BRUUN Notul. ent. 37.—*M. melagonella* Const. from *Anacamptis* p. 277 fig., WOLFF Ent. Medd. 28.

Neotelphusa gen. n. for *Telphusa castrigera* Meyr. (type), *craterota* M., *limenaea* M., *melicentra* M., *ochrophthalma* M. p. 77; *anisogrisea* p. 80, *bimaculata* p. 81, *cirrhomaculata* p. 83, *ferruginilinae* p. 84, *flavinatata* p. 85, *fuscisparsa* p. 86, *pallidistola* p. 90, *phaeomaculata* p. 91, *similella* p. 92, *tapinota* p. 93 spp. n. S. Africa; key p. 79 figs., JANSE Moths S. Afr. 6 pt. 1.

Oegoconia (also given as *Oeogoconia*) *apatemella* sp. n. Cyprus p. 74 fig., AMSEL Z. wien. ent. Ges. 43.

Paralida gen. n. (nr. *Chelaria*) p. 1, *triannulata* sp. n. Japan p. 2 figs., CLARKE Ent. News 69.

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Parathectis gen. n. for *Epithectis farinata* Meyr. (type), *sordidula* M. p. 115 figs., JANSE t.c.

Pectinophora, *Platyedra* illustrated key to larvae of cotton-pest spp. pp. 631–632 figs., CAPPS Bull. ent. Res. 49.—*P.* and related genn. in Australia (related non-Australian genn. distinguishing characters p. 270) revision pp. 268–306; *endema* sp. n. (*gossypiella*, *scutigera* distinguishing characters p. 276) Queensland, New S. Wales p. 277 figs., COMMON Aust. J. Zool. 6.

Pexicopia gen. n. (key p. 280) for *Gelechia desmanthes* Lower (type), *euryanthes* Meyr., *nephelombra* M. (= *G. chalcotora* Turn. p. 285), *dictyomorpha* Lower (= *G. plinthodes* Lower p. 295), *epactaea* M., *pyncnoda* Lower, *bathropis* M., *melitolichna* M., *Mometa chlidanopa* M., *Tinea malvella* Hb. p. 278; *diasema* p. 287, *paliscia* p. 294 (also New S. Wales), *mimetica* p. 281, *proselia* p. 283, *cryphia* p. 289, *pheletes* p. 292, *dascia* p. 293 Queensland, *catharia* (also Queensland) p. 288, *arenicola* p. 291 New S. Wales spp. n. figs., COMMON t.c.

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Phthorimaea Meyr. (type *operculella* Zell.) a valid gen. not syn. of *Gnori-moschema* p. 98; characters compared with *Scrobipalpa* Janse p. 99 figs., POVOLNÝ & WEISMANN Zool. Listy 7 (21).—*P. textifera* see *Leuronoma*.

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Pseudotelphusa gen. n. for *Telphusa confixa* Meyr., *cycota* M., *oxychasta* M., *probata* M. (type), *trinephela* M., *Gelechia devia* M. p. 68; *griseotincta* Cape Province p. 72, *paracycota* Pretoria p. 74, *tornimacula* S. Rhodesia p. 76 spp. n.; key p. 69 figs., JANSE Moths S. Afr. 6 pt. 1.

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Schizovalva blumenzweigella sp. n. Seychelles p. 144 fig., LEGRAND Bull. Soc. ent. Fr. 63.

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Chylizosoma paridis, *vittatum* sibling spp.; *beckeri* Ség. dark f. of p;

medium ♂ genitalia figured p. 65 figs., HACKMAN Notul. ent. 37 1957.

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Basilia (B.) keys p. 491; (*Paracyclopodia* Scott a subgen.) p. 498; (*P. bouvieri* Falc. from *Tripselia* (*Neotripselia*) p. 499; (*B. tenuispina* p. 495, (*P. glabra* p. 502 Belg. Congo, (*P. madagascariensis* Madagascar p. 503 spp. n. figs., THEODOR Parasitology 47.

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Penicillidia key to spp. of Ethiopian region and Madagascar p. 510; *decipiens* sp. n. Madagascar p. 513; *pachymela* ♀ p. 515 figs., THEODOR t.c.

Tripselia echinata sp. n. Nigeria p. 507 figs., THEODOR t.c.—*T. horrida* sp. n. New Guinea p. 386 figs., SCHUURMANS STEKHOVEN Z. Pflanzenk. 18. —*T. (Neotripselia) bouvieri* see *Basilia* (*Paracyclopodia*).

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The families of Schizophora & their phylogenetic relationships, HENNIG Beitr. Ent. 8: 505–688, 364 figs.

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Coelopa taxonomic relations of spp., ecological separation p. 788, REMMERT Nature 179 1957.

HELOMYZIDAE.

Notes on Nearctic Helomyzidae and Dryomyzidae (key p. 142), STEYSKAL Pap. Mich. Acad. Sci. (I) 43: 133–143, 14 figs.

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Dasyops dasyops group characters; *pallipennis* nomenclature discussed p. 415 figs., McALPINE Canad. Ent. 90.

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Rioxa flavicans see *Sophira*.

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Sophira revision (key to known spp. p. 367) pp. 366–377; *flava* p. 369, *limbata* p. 371 further description; *flavicans* Edw. from *Rioxa* p. 370; *signata* Wlk. from *Seraca* p. 375 figs., HARDY Proc. Hawaii. ent. Soc. 16.—*S. excellens* see *Tritaeiopterion*.

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Automola key; *atomaria* Wied. (= *leopardina* Blanch.); *rufa* Cress. (= *Epiplatea dohanniani* Jhns., *E. dohanniani* (Jhns.) Henn.) p. 303, STEYSKAL Ann. ent. Soc. Amer. 51.

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Territory, *noctua* p. 133, *pilosocula* p. 134 Victoria spp. n. figs., PARAMONOV t.c.—*E. punctulata* group key p. 598; *ocelligera* Queensland, *bourkei* New S. Wales spp. n. p. 599, PARAMONOV Ann. Mag. nat. Hist. (13) 1.

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Pyrgella gen. n., *calabyana* (type) W. Australia p. 116, *carnei* Victoria, New S. Wales p. 117 spp. n. fig., PARAMONOV Aust. J. Zool. 6.

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Richardia podagrica ♂ postabdomen p. 310 figs., STEYSKAL Ann. ent. Soc. Amer. 51.

Sestroptera multipunctata see *Epicerella*.

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Tephritocampylocera Hend. (= *Rhagostira* End.) p. 36, ACZÉL Explor. Parc nat. Upemba, Miss. de Witte fasc. 50.

Toxura angustifrons see *Neotoxura*; *microps* see *Paratoxura*; *maculipennis* see *P. secreta*.

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Centrogastocoris gen. n. (Tribelocephalinae) p. 37, *rusticus* (type) Waigeu I. p. 38, *alacris* Papua p. 39 spp. n. figs., MILLER Nova Guinea (N.S.) 9.

Coranus dohertyi p. 145, *cheesmanae* p. 146 spp. n. New Guinea figs., MILLER t.c.

Cuernoolestes key p. 270; *normae* Borneo, *nanus* p. 267, *bakeri* p. 269 Philippines spp. n. figs., ELKINS Proc. ent. Soc. Wash. 60.

Cydnocoris plagiatus p. 78, *amabilis* p. 79 spp. n. New Guinea figs., MILLER Nova Guinea (N.S.) 9.

Dohrnemesa buyassuana Lower Amazon p. 335, *exporrecta* W. Indies p. 337 spp. n. figs., WYGODZINSKY Bull. Brit. Mus. (Nat. Hist.) Ent. 7.

Ectinoderus certator p. 76, *caedens* p. 77 spp. n. New Guinea, MILLER Nova Guinea (N.S.) 9.

Ectomocoris olthofi p. 71, (*Sigicoris* subgen. n.) *gracilis* p. 74, *brumalis* p. 75 spp. n. New Guinea figs., MILLER t.c.—*E. cuneatus* Schout. raised to sp. not var. of *cruciger* p. 36 fig., VILLIERS Publ. cult. Comp. Diam. Angola no. 38.

Elemacoris gen. n. (Harpactorinae), *vittatus* sp. n. Biak I. p. 146 figs., MILLER Nova Guinea (N.S.) 9.

Eupaloptus subgen. n. (type *annulatus* sp. n.) see *Paloptus*.

Eurosomocoris gen. n. (Harpactorinae), *discifer* sp. n. New Guinea p. 223 figs., MILLER Nova Guinea (N.S.) 9.

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Hagia ornata sp. n. New Guinea p. 94 figs., MILLER Nova Guinea (N.S.) 9.

Hagiana gen. n. (Harpactorinae), *modesta* sp. n. New Guinea p. 95 figs., MILLER t.c.

Helocephalocoris gen. n. (Tribelocephalinae), *furtivus* sp. n. New Guinea p. 53 figs., MILLER t.c.

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Kokodacoris gen. n. (Tribelocephalinae), *cheesmanae* sp. n. Papua p. 43 figs., MILLER t.c.

Leptacanthaspis decoratus, *schooutedeni* spp. n. Angola p. 39 figs., VILLIERS Publ. cult. Comp. Diam. Angola no. 38.

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Neopaloptus subgen. n. (type *jucundus* sp. n.) see *Paloptus*.

Neosphedanolestes gen. n. (Harpactorinae), *cheesmanae* sp. n. New Guinea p. 90 figs., MILLER Nova Guinea (N.S.) 9.

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spp. p. 129) *nigricans* p. 130, (*Paloptell.*) *associatus*, (*Paloptell.*) *bicolor* p. 131, (*Paloptell.*) *indecisus* p. 134, (*Paloptell.*) *spoliator*, (*Paloptell.*) *chromolithus*, (*Paloptell.*) *leeuweni* p. 135, (*Paloptell.*) *toxopeusi*, (*Paloptell.*) *serotinus* p. 137, (*Paloptell.*) *meridionalis*, (*Paloptell.*) *coloratus* p. 138, (*Paloptell.*) *hilaris*, (*Paloptell.*) *venustus* p. 139, (*Paloptell.*) *nigrispinis*, (*Neopaloptus* subgen. n.) *jucundus* p. 140, (*Eupaloptus* subgen. n.) *annulatus* p. 142 New Guinea, (*Paloptus*) *taeniatius* Aru I. p. 115, (*Paloptus*) *misoolensis* Misool I. p. 118, (*Paloptus*) *plebeius* Salawati I. p. 120, (*Paloptus*) *castaneipes* Waigeu I. p. 121 spp. n. figs., MILLER Nova Guinea (N.S.) 9.

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monacha p. 76, *coronis* p. 77, *juba* p. 78, *comus* (also Ruanda) p. 80, *scylax* p. 82, *katangana* p. 83 spp. n. Belg. Congo figs., FENNAH Ann. Mus. Congo belge (Sér. 8°) Sci. zool. 59.—*A. liriopie* sp. n. Senegal, Niger p. 521 figs., FENNAH Bull. Inst. franç. Afr. noire (A) 20.

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Eddara imperialis sp. n. Belg. Congo p. 114 figs., FENNAH t.c.

Holodictya merops sp. n. Belg. Congo p. 103 figs., FENNAH t.c.—*H. ghesquieri* see *Malfeytia*.

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Xosophara centaurus sp. n. Belg. Congo p. 111 figs., FENNAH t.c.

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Numicia herbida further description p. 7; *fuscipicta* Stål (a good sp. not syn. of *taenia*) (= *insignis* Dist.) (in note) (IZZARD in SYNAVE) p. 11; *virescens* p. 13, *mubalensis* p. 15 spp. n. Belg. Congo figs., SYNAVE Explor. Parc nat. Upemba, Miss. de Witte fasc. 50.—*N. demoleon* Senegal, Fr. Sudan, Fr. Togoland p. 526, *creusa* p. 528, *damocles* p. 529 Guinea

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Scolytus tiburtinus sp. n. Diluvian Travertine, Germany p. 713 figs., CLAUS Beitr. Ent. 8.

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Ectatomma europaeum see *Gnamptogenys*.

Gnamptogenys europaea Mayr from *Ectatomma* p. 181, BROWN Bull. Mus. comp. Zool. Harv. 118.

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Dolophilus praemissus Ckll. from Cretaceous Amber, Tennessee p. 849, Ross Proc. 10th int. Congr. Ent. Montreal 1956 1.

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Pseudosphegina carpenteri sp. n. Lower Oligocene, Baltic amber p. 42 figs., HULL Psyche 64.

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Bekkerscytina gen. n. (Archescytiniidae) p. 111, *primitiva* sp. n. Upper Permian, New S. Wales p. 112 fig., EVANS Rec. Aust. Mus. 24.

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Cryptotermes ryshkoffi sp. n. Miocene, California p. 19 figs., PIERCE Bull. S. Calif. Acad. Sci. 57.

Gnathamitermes magnoculus subsp. n. *rousei* Miocene, California p. 21 figs., PIERCE t.c.

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Reticulitermes laurae sp. n. p. 20; *tibialis* subsp. n. *dubitans* p. 21 Miocene, California, PIERCE t.c.

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Plecoptera, OBNENBERGER Entomology IV: 377–378.

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New classification of Archodonata & Ephemeroptera, DEMOULIN Bull. Inst. Sci. nat. Belg. 34 no. 27: 1–19.

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Heptagenioidea re-definition p. 16, DEMOULIN t.c.

Oligoneurioidea **superfam. n.** p. 15, DEMOULIN t.c.

Palingenioidea **superfam. n.** p. 13, DEMOULIN t.c.

Protoreismatoidea **superfam. n.** p. 13, DEMOULIN t.c.

Siphonuroidea **superfam. n.** p. 15, DEMOULIN t.c.

Odonata.

Pterothoracic interpleural suture of Mesozoic and recent Odonata, ASAHINA 1957 J. Fac. Sci. Hokkaido Univ. (Zool.) **13**: 1-7, 36 figs.

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Notes on Lestidae, III, SCHMIDT Decheniana **111**: 1-7, 5 figs.

Lestes statzi **sp. n.** Oligocene, Siebengebirge p. 3 figs., SCHMIDT Decheniana **111**.—*L. grandis* see *Oligolestes*.

Oligolestes **gen. n.** for *Lestes grandis* Statz p. 3 fig., SCHMIDT Decheniana **111**.

Permothemistoidea **superfam. n.** p. 11, DEMOULIN Bull. Inst. Sci. nat. Belg. **34** no. 27.

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Cockroach egg case from the Eocene of Wyoming, BROWN 1957 J. Wash. Acad. Sci. **47**: 340-342, 3 figs.

Paleodictyoptera.

Paleodictyoptera wing phylogeny discussed, DEMOULIN Bull. Ann. Soc. R. Ent. Belg. **94**: 357-359.

Patteiskyidae first description p. 363, DEMOULIN Bull. Ann. Soc. R. Ent. Belg. **94**.

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Patteiskya bouckaerti (wing innervation figured p. 359) systematic position discussed pp. 360-362 figs., DEMOULIN Bull. Ann. Soc. R. Ent. Belg. **94**.

ERRATA

- Vol. liv, 1917, p. 60, No. **1214b**, for "617-638" read "617-738"
- Vol. lxxiii, 1936, p. 13, No. **98**, for "**Arturo**, P." read "**Peltrera**, A." & transfer entry to p. 121 to follow No. **2552**; p. 205, col. 2, line 8 from end, for "**ARTURO**" read "**PELTRERA**"
- Vol. lxxiv, 1937, p. 134, No. **2898**, for "(1924) 1925" read "(1934) 1935" & p. 287, col. 2, line 20 from end, for "1925" read "1935"
- Vol. lxxv, 1938, p. 6, col. 1, insert "p. 299" after "Chrysididae"
- " " " p. 293, col. 2, lines 22-24, transfer "*Sphecodes*" entry to APIDAE
- " " " p. 297, col. 2, lines 27-29, transfer "*Gonochrysis*" entry to CHRYSIDIDAE
- " " " p. 299, col. 1, after line 6 insert "CHRYSIDIDAE"
- Vol. lxxxii, 1945, p. 165, col. 1, line 15, after "p. 103" add "**spp.n.**"
- Vol. lxxxvi, 1949, p. 191, col. 2 line 11, for "**983**" read "**984**"
- Vol. xcii, 1955, p. 350, col. 1, line 15, for "*Polymistoleiopus*" read "*Polymistoleiopus*"
- " " " p. 354, col. 1, line 20 & p. 355, col. 2, line 22 from end, for "*Agabus*" read "*Agbalus*"
- " " " p. 354, col. 2, line 21, for "*Entomochirus*" read "*Leprocolaspis*"; line 4 from end, for "*nigicollis*" read "*nigricollis*"
- " " " p. 355, col. 2, line 3 from end, for "*rugolosus*" read "*rugulosus*"; line 1 from end, for "*Isolepronota*" read "*Isolepronota*"
- Vol. xciii, 1956, p. 146, delete No. **2777** (Séguy) & p. 179, col. 1, lines 18-20, p. 183, col. 2, line 15, p. 213, col. 2, line 18 from end, p. 218, col. 1, line 7 from end (paper appeared in Vol. xcii, 1955)
- " " " p. 307, col. 2, lines 8-9, transfer "*Medon*" entry to STAPHYLINIDAE
- " " " p. 323, col. 2, line 7 from end, transfer "*Moala*" entry to LAMIIDAE
- " " " p. 338, col. 2, line 10 from end, for "*bahianensis*" read "*bahiaensis*"
- " " " p. 531, col. 2, line 26, for "Campodeidea" read "Campodeidae"
- Vol. xciv, 1957, p. 6, col. 2, for "Sphegidae" read "Sphecidae"
- " " " p. 94, No. **1752**, for "Bull. nat. Inst. Sci. India, Calcutta no. 9:" read "Proc. zool. Soc. Calcutta **9** (1956):"
- " " " p. 98, No. **1831**, p. 150 (transfer entry to p. 153 to precede No. **2927**) & p. 240, col. 2, line 31, for "Robinson" read "Robinson"
- " " " p. 110, No. **2066** & p. 558, col. 1, line 22 from end, for "**134** no. 6" read "**134** no. 11"
- " " " p. 171, No. **3288**, last line & p. 511, col. 1, line 5, for "217 figs." read "260 figs."
- " " " p. 280, foot of col. 2 & p. 281, col. 1, line 1, transfer "ESPAÑOL COLL, *Helioclamenus* (Colyd.), new to Morocco, **1019**;" to NORTH AFRICA
- " " " p. 293, col. 2, lines 24-25, for "*Tetramorimu*" read "*Tetramorium*"
- " " " p. 393, col. 2, line 14, for "Giordan" read "Giordani"

- Vol. xciv, 1957, p. 409, col. 2, after line 28, insert entry "*Cerachalcis fastuosus aurata* see *Cratocentrus decoratus*; *cerambycida* see *C. fastuosus*"; line 19 from end, after "Nikol.);" insert "*tomentosus* Nik. from *L.*;" for "*cerambycida*" read "*Cerachalcis fastuosus* subsp. *aurata*"; line 18 from end, before "*ruficornis*" insert "*fastuosus* Ms. (= *Cerach. cerambycida* Masi);"
- " " " p. 410, col. 1, line 15, after "*Cratocentrus*" insert "*tomentosus* see *C.*"
- " " " p. 411, col. 2, line 10 from end, for "*thomasoniscae*" read "*thomsoniscae*"
- " " " p. 412, col. 1, line 29, for "*Chrysophagus*" read "*Chrysopophagus*"
- " " " p. 413, col. 2, line 24, delete "*gen.n.* (Aphycini) p. 94,"; line 25, for "*sp.n.* Czechoslovakia" read "characters"; line 18 from end, for "*peniciosi*" read "*perniciosi*"
- " " " p. 414, col. 2, line 16, for "*sp.n.* Hungary" read "♂"
- " " " p. 415, col. 1, line 7, insert "KERRICH in" before "KERRICH & GRAHAM"
- " " " p. 418, col. 1, lines 11-13, transfer "*Eretmocerus*" entry to ENCYRTIDAE
- " " " p. 501, col. 2, transfer "*Dasyneura*" entry to CECIDOMYIIDAE
- " " " Proc. ent. Soc. Wash. 59 no 6 was published in 1958. This affects the following entries: p. 26, No. 353 & p. 386, col. 1, *Disonycha*; p. 35, No. 543 & p. 252, col. 1, lines 4-6, p. 410, col. 2, *Bruchophagus*; p. 55, No. 947 & p. 244, col. 1, lines 31-32; p. 59, No. 1027 & p. 293, col. 2, line 30, p. 295, col. 1, lines 38-39, p. 396, col. 1, lines 33-38; p. 67, No. 1197 & p. 246, col. 1, lines 36-38; p. 493, col. 1, *Tachyempis*; p. 156, No. 2991 & p. 546, col. 2, *Polyplax*; p. 171, No. 3287 & p. 501, col. 1, *Pteromicra*; p. 404, col. 1, lines 52-54

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- " " " p. 232, No. 4473, for "*Yablokov-Khnozoryan*" read "*Yablokov-Khnzoryan*"
- " " " p. 276, col. 1, last line, for DE RUTTER" read "DE RUTTER"
- " " " p. 301, col. 1, line 23 from end, for "*Papilionacea*" read "*Papilionaceae*"
- " " " p. 407, page heading & col. 1, line 1, for "PLECOMIDAE" read "PLEOCOMIDAE"